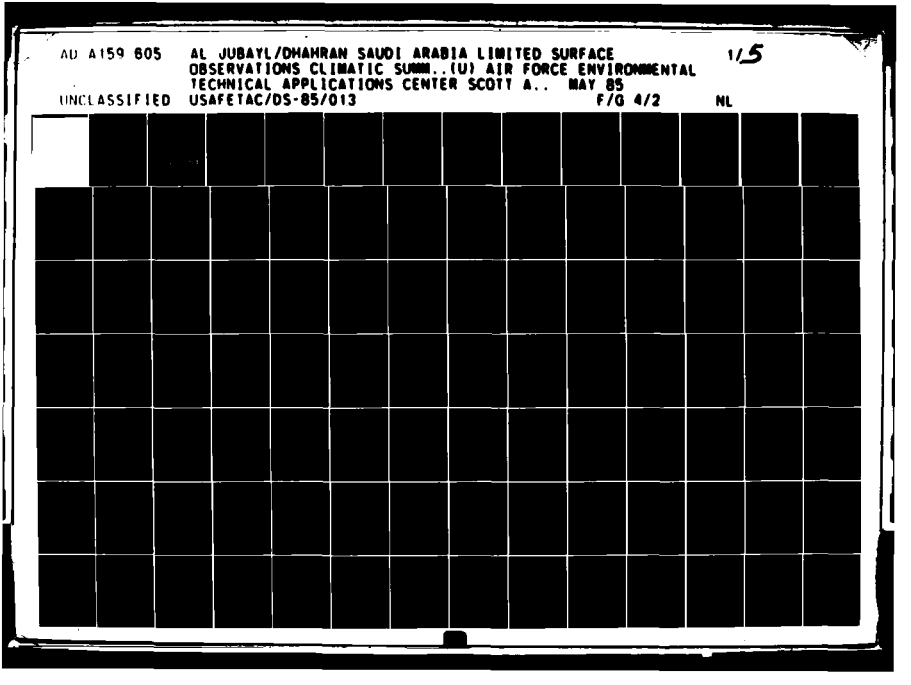
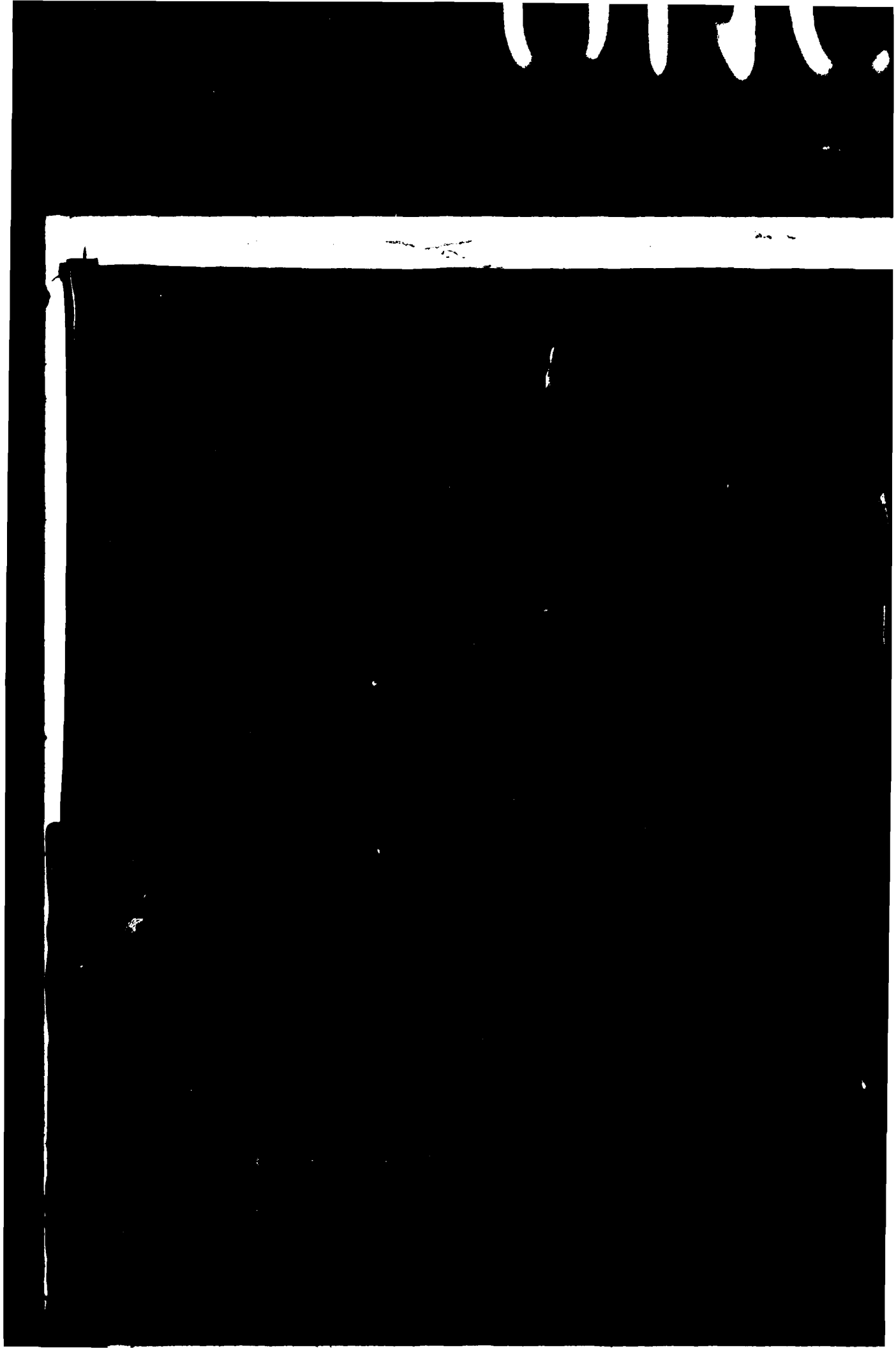
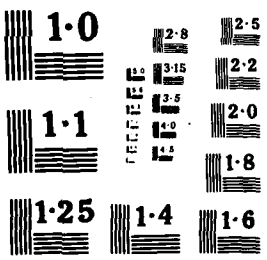
AD A159 605 AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85 1/5

UNCLASSIFIED USAFETAC/DS-85/013 F/G 4/2 NL






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AD-A159 605

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## Air Weather Service ( MAC )

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03 JUN 1985

"LIMITED CONTRACT ORDER UNDER DNS"
CLIMATIC SUMMARY "19085"

AL JUBAYL/DHAHRAN RANDI ARABIA WSO #40416
N 26 16 E 050 10 ELEV: 75 FT GMT

PARTS A-F HOURS SUMMARIZED: 00001 - 23002

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 75 - DEC 84
SUMMARY OF DAY DATA: NONE:

TIME CONVERSION GMT TO LST: +3

29 MAY 1985

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

FEDERAL BUILDING
ASHEVILLE, N. C.

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE

AD-A159 607

## REPORT DOCUMENTATION PAGE

| | |
|---|---|
| 1a. REPORT SECURITY CLASSIFICATION<br>Unclassified | 1b. RESTRICTIVE MARKINGS |
| 2a. SECURITY CLASSIFICATION AUTHORITY | 3. DISTRIBUTION/AVAILABILITY OF REPORT<br>Approved for public release; distribution unlimited. |
| 2b. DECLASSIFICATION/DOWNGRADING SCHEDULE | |
| 4. PERFORMING ORGANIZATION REPORT NUMBER(S)<br>USAFETAC/DS-85/013 | 5. MONITORING ORGANIZATION REPORT NUMBER(S)<br>USAFETAC/DS-85/013 |
| 6a. NAME OF PERFORMING ORGANIZATION<br>USAFETAC/OL-A<br>6b. OFFICE SYMBOL (If applicable) | 7a. NAME OF MONITORING ORGANIZATION<br>USAFETAC |
| 6c. ADDRESS (City, State, and ZIP Code)<br>Federal Building<br>Asheville, NC 28801 | 7b. ADDRESS (City, State, and ZIP Code)<br>Scott AFB, IL 62225-5438 |
| 8a. NAME OF FUNDING/SPONSORING ORGANIZATION<br>8b. OFFICE SYMBOL (If applicable) | 9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER |
| 8c. ADDRESS (City, State, and ZIP Code) | 10. SOURCE OF FUNDING NUMBERS<br>PROGRAM ELEMENT NO. / PROJECT NO. / TASK NO. / WORK UNIT ACCESSION NO. |

11. TITLE (Include Security Classification)
AL JUBAYL / DHAHRAN SAUDI ARABIA (LISUCS) (Unclassified)

12. PERSONAL AUTHOR(S)

| 13a. TYPE OF REPORT | 13b. TIME COVERED | 14. DATE OF REPORT (Year, Month, Day) | 15. PAGE COUNT |
|---|---|---|---|
| Data Summary | FROM JAN 75 TO DEC 84 | MAY 85 | 120 |

16. SUPPLEMENTARY NOTATION

| 17. COSATI CODES | | | 18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) |
|---|---|---|---|
| FIELD | GROUP | SUB-GROUP | *climatology *weather *meteorological conditions |
| 04 | 02 | | |
| | | | (continued over) |

19. ABSTRACT (Continue on reverse if necessary and identify by block number)

A statistical data summary of surface weather observation climatology for:

AL JUBAYL / DHAHRAN SAUDI ARABIA.

This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.

| | |
|---|---|
| 20. DISTRIBUTION/AVAILABILITY OF ABSTRACT<br>☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT. ☐ DTIC USERS | 21. ABSTRACT SECURITY CLASSIFICATION<br>Unclassified |
| 22a. NAME OF RESPONSIBLE INDIVIDUAL<br>Marie Wakefield | 22b. TELEPHONE (Include Area Code)<br>(618) 256-2625<br>22c. OFFICE SYMBOL<br>USAFETAC/LDD |

DD FORM 1473, 84 MAR — 83 APR edition may be used until exhausted. All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE
UNCLASSIFIED

UNCLASSIFIED

18. Subject terms cont.

winds precepitation temperature visibility
barometric pressure relative humidity
sky cover psychrometric data ceiling

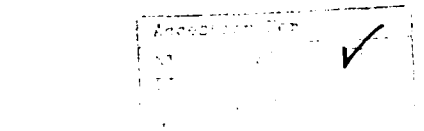
Limited Surface Observations Climatic Summary
LISOCS

AL JUBAYL SAUDI ARABIA
DHAHRAN

SD 40416Ø

UNCLASSIFIED

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



A-1



OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description preceeds each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents:
AWS Form 2 "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

| | |
|---|---|
| 0000-0200 | 1200-1400 |
| 0300-0500 | 1500-1700 |
| 0600-0800 | 1800-2000 |
| 0900-1100 | 2100-2300 |

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | | 2.9 | | | | 2.9 | 4.4 | 1.5 | | 1.5 | 7.7 | 274 |
| | 03-05 | .3 | 3.7 | | | | 3.7 | 12.2 | 1.7 | | 2.1 | 15.7 | 294 |
| | 06-08 | | 1.9 | | | | 1.9 | 13.9 | 1.9 | | 2.2 | 14.5 | 267 |
| | 09-11 | .7 | 2.5 | | | | 2.5 | 10.5 | 10.2 | | 4.0 | 24.5 | 303 |
| | 12-14 | | 2.7 | | | | 2.7 | 1.3 | 7.3 | | 10.7 | 18.7 | 299 |
| | 15-17 | .3 | .7 | | | | .7 | 2.0 | 4.9 | | 10.7 | 17.3 | 307 |
| | 18-20 | 1.1 | 2.9 | | | | 2.9 | .7 | 7.5 | | 2.4 | 15.7 | 278 |
| | 21-23 | 1.0 | 1.7 | | | | 1.7 | 2.4 | 5.0 | | 3.7 | 8.5 | 297 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 2.4 | | | | 2.4 | 5.9 | 4.7 | | 5.2 | 15.7 | 2719 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

41150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | .4 | 2.4 | | | | 2.4 | 5.3 | 2.4 | | 2.4 | 12.7 | 252 |
| | 03-05 | .4 | 3.5 | | | | 3.5 | 15.3 | .7 | | 2.9 | 19.4 | 279 |
| | 06-08 | | 1.5 | | | | 1.5 | 17.2 | 1.5 | | 3.5 | 22.4 | 257 |
| | 09-11 | .4 | 1.3 | | | | 1.3 | 12.1 | 11.5 | | 7.1 | 29.2 | 251 |
| | 12-14 | .4 | 4.3 | | | | 4.3 | 1.3 | 9.4 | | 11.5 | 21.7 | 279 |
| | 15-17 | .4 | 3.5 | | | | 3.5 | .7 | 5.5 | | 11.3 | 17.5 | 281 |
| | 18-20 | .4 | 2.7 | | | | 2.7 | 2.7 | 8.1 | | 2.9 | 19.4 | 258 |
| | 21-23 | 1.1 | 3.3 | | | | 3.3 | 2.5 | 3.3 | | 7.3 | 9.5 | 259 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 2.3 | | | | 2.3 | 7.4 | 5.4 | | .2 | 18.7 | 2147 |

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USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

41513 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | .3 | 3.4 | | | | 3.4 | 4.5 | 1.4 | | .3 | 5.5 | 291 |
| | 03-05 | .3 | 2.9 | | | | 2.9 | 7.5 | 2.5 | | .4 | 12.4 | 297 |
| | 06-08 | .3 | 3.5 | | | | 3.5 | 15.3 | 3.5 | | .2 | 23.3 | 297 |
| | 09-11 | | 2.3 | | | | 2.3 | 8.5 | 7.5 | | 11.3 | 24.5 | 301 |
| | 12-14 | .3 | 3.3 | | | | 3.3 | 1.7 | 3.4 | | 10.7 | 19.4 | 299 |
| | 15-17 | .3 | 3.3 | | | | 3.3 | .3 | 4.3 | | 10.4 | 21.3 | 295 |
| | 18-20 | | 2.7 | | | | 2.7 | 2.3 | 3.3 | | 10.9 | 21.4 | 294 |
| | 21-23 | 1.4 | 3.3 | | | .3 | 3.3 | 4.1 | 1.4 | | 3.4 | 9.4 | 295 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 3.3 | | | .3 | 3.3 | 5.1 | 4.1 | | .5 | 17.5 | 2797 |

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[illegible]
[illegible] WEATHER SERVICE/MAC

# WEATHER CONDITIONS

[illegible] | AL JUBAYL/DHAHRAN, SAUDI ARABIA | 75-84 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-03 | .4 | 1.5 | | | | 1.9 | .7 | 5.7 | | .2 | 7.4 | 270 |
| | 03-06 | 1.0 | 1.7 | | | | 1.7 | 3.7 | 5.6 | | 4.5 | 11.5 | 271 |
| | 06-09 | .7 | 2.2 | | | | 2.2 | 5.5 | 5.1 | | 4.3 | 13.1 | 274 |
| | 09-11 | .3 | 2.4 | | | | 2.4 | .7 | 10.2 | | 1.2 | 71.0 | 297 |
| | 12-14 | | .7 | | | | .7 | | 8.7 | | .3 | 15.6 | 299 |
| | 15-17 | .3 | 2.0 | | | | 2.0 | | 6.1 | | 1.0 | 34.7 | 295 |
| | 18-20 | .4 | 2.5 | | | | 2.5 | | 10.5 | | 1.2 | 25.4 | 283 |
| | 21-23 | | 1.4 | | | | 1.4 | 1.4 | 5.6 | | .4 | 11.5 | 282 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 1.3 | | | | 1.9 | 1.5 | 7.2 | | 1.4 | 19.4 | 2797 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WI

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .7 | 2.1 | 2.0 | .2 | | | | | | | 5.5 |
| NNE | | .7 | .7 | | | | | | | | | .4 |
| NE | .2 | .2 | | | | | | | | | | .4 |
| ENE | .1 | .3 | .2 | .1 | .1 | | | | | | | .4 |
| E | .2 | .5 | 1.3 | .1 | | | | | | | | 2.2 |
| ESE | .2 | .2 | .8 | .8 | .1 | | | | | | | 1.6 |
| SE | .1 | .5 | 1.4 | 1.0 | | | | | | | | 3.0 |
| SSE | .2 | 1.6 | 2.0 | 1.6 | | | | | | | | 5.4 |
| S | .2 | 1.8 | 3.1 | .5 | | | | | | | | 5.7 |
| SSW | .6 | 1.5 | 1.2 | .2 | | | | | | | | 3.5 |
| SW | .5 | 1.2 | .3 | .1 | | | | | | | | 2.1 |
| WSW | .2 | 1.3 | .5 | .2 | | | | | | | | 2.2 |
| W | .9 | 4.3 | 4.3 | 2.0 | | | | | | | | 11.4 |
| WNW | .7 | 3.1 | 10.5 | 6.7 | .8 | | | | | | | 21.5 |
| NW | .2 | 1.7 | 8.3 | 8.8 | 2.3 | | | | | | | 21.4 |
| NNW | .1 | .7 | 3.7 | 2.8 | .8 | | | | | | | 8.1 |
| VARBL | | .1 | | | | | | | | | | .1 |
| CALM | | | | | | | | | | | | .4 |
| | 4.7 | 23.7 | 39.9 | 26.9 | 4.4 | | | | | | | 100.1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIN

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) J

ALL WEATHER (CLASS) 00 (HOURS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .6 | .9 | .5 | .3 | | | | | | | 2.7 |
| NNE | .3 | .5 | .1 | .1 | | | | | | | | 1.0 |
| NE | .1 | .1 | .1 | | | | | | | | | .4 |
| ENE | | .6 | | | | | | | | | | .6 |
| E | .1 | .6 | .4 | .3 | | | | | | | | 1.7 |
| ESE | .1 | .6 | .4 | .3 | | | | | | | | 1.4 |
| SE | .3 | 1.9 | 1.4 | .4 | | | | | | | | 4.1 |
| SSE | .1 | 1.1 | 1.0 | .4 | | | | | | | | 2.7 |
| S | .5 | 1.5 | .4 | .1 | | | | | | | | 2.6 |
| SSW | .3 | 1.0 | .9 | .1 | | | | | | | | 2.2 |
| SW | .3 | .9 | .1 | | | | | | | | | 1.3 |
| WSW | 1.0 | .6 | .9 | | | | | | | | | 2.5 |
| W | 1.8 | 7.1 | 5.6 | 1.0 | .1 | | | | | | | 15.6 |
| WNW | 1.3 | 5.0 | 15.5 | 4.8 | .5 | | | | | | | 27.1 |
| NW | | 1.3 | 7.0 | 7.2 | .6 | | | | | | | 16.1 |
| NNW | .4 | .5 | 2.3 | 1.3 | .3 | .1 | | | | | | 4.9 |
| VARBL | .1 | | | | | | | | | | | .1 |
| CALM | | | | | | | | | | | | 11.7 |
| | 7.1 | 25.0 | 37.7 | 16.5 | 1.8 | .1 | | | | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIN

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS) 0300 (HOURS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .9 | 1.0 | .8 | | .1 | | | | | | 3.2 |
| NNE | .1 | .5 | .7 | | | | | | | | | .7 |
| NE | .1 | .1 | .3 | | | | | | | | | .5 |
| ENE | | .4 | .1 | | | | | | | | | .5 |
| E | .5 | .4 | .4 | .3 | | | | | | | | 1.5 |
| ESE | .1 | 1.4 | .5 | .4 | | | | | | | | 2.4 |
| SE | .5 | .9 | .9 | .1 | | | | | | | | 2.4 |
| SSE | .4 | 1.7 | 1.2 | .1 | | | | | | | | 3.3 |
| S | .7 | 1.0 | 1.0 | .1 | | | | | | | | 2.4 |
| SSW | .5 | .8 | .1 | | | | | | | | | 1.4 |
| SW | .4 | .4 | .6 | | | | | | | | | 1.4 |
| WSW | 1.0 | 1.3 | .1 | | | | | | | | | 2.4 |
| W | 3.1 | 5.6 | 4.2 | .6 | | | | | | | | 13.5 |
| WNW | .6 | 5.8 | 13.7 | 2.0 | .5 | | | | | | | 23.7 |
| NW | 1.0 | 2.7 | 10.5 | 5.1 | .3 | .3 | | | | | | 19.9 |
| NNW | | 1.4 | 3.1 | 2.3 | .3 | .3 | | | | | | 7.3 |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.1 |
| | 9.1 | 26.2 | 38.0 | 11.9 | 1.0 | .5 | | | | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIN

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
J — NO
ALL WEATHER — CLASS
00 — HOURS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.8 | 1.3 | | | | | | | | | 3.7 |
| NNE | .4 | .3 | | | | | | | | | | .8 |
| NE | .1 | .4 | .3 | .1 | | | | | | | | .9 |
| ENE | .1 | .6 | .1 | | | | | | | | | .8 |
| E | 1.0 | 1.3 | .3 | .1 | | | | | | | | 2.8 |
| ESE | 1.7 | 3.0 | 1.0 | .3 | | | | | | | | 6.0 |
| SE | .8 | 1.5 | 1.4 | .8 | .1 | | | | | | | 4.6 |
| SSE | 1.1 | .3 | .8 | .5 | .1 | | | | | | | 2.8 |
| S | .6 | .5 | .9 | .1 | | | | | | | | 2.1 |
| SSW | .3 | .4 | .3 | | | | | | | | | .9 |
| SW | .1 | .1 | | | | | | | | | | .3 |
| WSW | .6 | .4 | .1 | | | | | | | | | 1.1 |
| W | 1.9 | 7.2 | 4.4 | | .1 | | | | | | | 13.6 |
| WNW | 1.1 | 8.3 | 9.7 | 1.9 | .1 | .1 | | | | | | 21.4 |
| NW | .3 | 4.6 | 5.6 | 3.8 | .6 | | | | | | | 15.0 |
| NNW | .6 | 1.4 | 4.8 | 1.8 | .3 | | | | | | | 8.7 |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.4 |
| | 13.7 | 33.1 | 31.9 | 9.4 | 1.4 | .1 | | | | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDIT

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 8__ | .4 | 2.4 | | | | 2.4 | 5.9 | 4.7 | | 5.2 | 15.7 |
| FEB | | .4 | 2.3 | | | | 2.5 | 7.4 | 5.4 | | 5.2 | 13.7 |
| MAR | | .4 | 3.3 | | | .3 | 3.3 | 5.1 | 4.1 | | 5.5 | 17.5 |
| APR | | .4 | 1.3 | | | | 1.3 | 1.5 | 7.9 | | 13.4 | 19.4 |
| MAY | | .2 | .3 | | | | .3 | .9 | 5.5 | | 14.1 | 23.2 |
| JUN | | | | | | | | .4 | 7.4 | | 32.9 | 40.2 |
| JUL | | .3 | | | | | | 2.1 | 12.5 | | 23.5 | 37.4 |
| AUG | | | .1 | | | | .1 | 3.4 | 11.1 | | 22.4 | 37.4 |
| SEP | | | | | | | | 7.4 | 12.1 | | 7.7 | 35.5 |
| OCT | | .2 | .1 | | | | .1 | 2.4 | 5.9 | | 5.3 | 24.1 |
| NOV | | .2 | .7 | | | | .7 | 5.5 | 6.9 | | 7.5 | 15.7 |
| DEC | | .3 | 1.5 | | | | 1.5 | 5.9 | 5.5 | | 4.5 | 15.9 |
| TOTALS | | .2 | 1.1 | | | .3 | 1.1 | 4.7 | 7.9 | | 12.2 | 24.5 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDI

41-150 AL JUBAY/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00-02 | | .7 | | | | .7 | 8.7 | 1.4 | | 2.5 | 12.9 |
| | 03-05 | .3 | 2.6 | | | | 2.6 | 16.1 | .7 | | 2.5 | 19.4 |
| | 06-08 | | 2.6 | | | | 2.6 | 13.6 | .7 | | 2.9 | 17.2 |
| | 09-11 | | 1.3 | | | | 1.3 | 12.5 | 15.5 | | 5.3 | 32.7 |
| | 12-14 | | 1.0 | | | | 1.0 | 1.4 | 7.5 | | 4.8 | 19.9 |
| | 15-17 | | 2.5 | | | | 2.5 | 1.0 | 5.5 | | 7.4 | 13.2 |
| | 18-20 | | 1.0 | | | | 1.0 | 1.0 | 7.7 | | 5.1 | 12.5 |
| | 21-23 | | 1.0 | | | | 1.0 | 3.7 | 2.5 | | 2.3 | 7.4 |
| TOTALS | | .1 | 1.5 | | | | 1.5 | 5.9 | 5.5 | | 4.5 | 15.9 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDIT

4 4150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00-02 | .4 | .7 | | | | .7 | 5.9 | [illegible] | | .7 | 9.3 |
| | 03-05 | .4 | .4 | | | | .4 | 13.0 | 2.1 | | | 15.1 |
| | 06-08 | | | | | | | 22.3 | 5.3 | | 1.3 | 27.4 |
| | 09-11 | .3 | .7 | | | | .7 | 7.5 | 15.5 | | 7.2 | 23.2 |
| | 12-14 | | 1.1 | | | | 1.1 | .4 | 11.3 | | 8.5 | 19.9 |
| | 15-17 | .3 | 1.0 | | | | 1.3 | | 7.3 | | 7.5 | 14.7 |
| | 18-20 | | 1.1 | | | | 1.1 | .4 | 9.5 | | [illegible].1 | 12.0 |
| | 21-23 | .3 | .3 | | | | .3 | 2.1 | 2.7 | | .3 | 5.2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | .2 | .7 | | | | .7 | 5.5 | 6.5 | | 3.5 | 16.7 |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER COND

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | | | | | | | 9.1 | 2.3 | | .8 | 12.9 |
| | 03-05 | | | | | | | 15.4 | 1.7 | | | 16.1 |
| | 06-08 | | | | | | | 27.4 | 5.7 | | 1.2 | 35.4 |
| | 09-11 | | | | | | | 5.8 | 19.9 | | 9.8 | 35.5 |
| | 12-14 | | | | | | | .3 | 10.3 | | 14.8 | 25.6 |
| | 15-17 | .7 | | | | | | | 5.3 | | 13.9 | 20.5 |
| | 18-20 | .7 | .3 | | | | .3 | .7 | 16.5 | | 5.2 | 22.7 |
| | 21-23 | .3 | .7 | | | | .7 | 4.7 | 7.3 | | 1.3 | 12.5 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | .2 | .1 | | | | .1 | 8.4 | 5.9 | | 5.3 | 23.1 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CON

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF O WITH OB TO VISIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | | | | | | | 5.6 | 5.7 | | 1.9 | 12. |
| | 03-05 | | | | | | | 16.7 | 2.7 | | 2.7 | 22. |
| | 06-08 | | | | | | | 27.8 | 11.6 | | 5.7 | 45. |
| | 09-11 | | | | | | | 4.7 | 30.6 | | 14.6 | 49. |
| | 12-14 | | | | | | | .7 | 25.6 | | 15.6 | 31. |
| | 15-17 | | | | | | | | 10.1 | | 10.1 | 22. |
| | 18-20 | | | | | | | .7 | 17.7 | | 6.1 | 23. |
| | 21-23 | | | | | | | 1.7 | 4.6 | | 1.7 | 7. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | | | | | | | 7.4 | 12.1 | | 7.7 | 26. |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONI

40416D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OI WITH OB TO VISIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | | | | | | | 5.0 | 9.0 | | 7.5 | 21. |
| | 03-05 | | | | | | | 7.9 | 5.3 | | 11.5 | 25. |
| | 06-08 | | .3 | | | | .3 | 10.0 | 20.1 | | 21.1 | 50. |
| | 09-11 | | | | | | | 1.3 | 23.3 | | 41.3 | 62. |
| | 12-14 | | | | | | | | 9.4 | | 36.7 | 48. |
| | 15-17 | | .3 | | | | .3 | | 6.2 | | 36.5 | 42. |
| | 18-20 | | | | | | | .3 | 10.3 | | 24.3 | 34. |
| | 21-23 | | | | | | | 2.3 | 7.5 | | 6.5 | 15. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | | .1 | | | | .1 | 3.4 | 11.1 | | 23.4 | 37. |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER COND

4 4150 AL JUBAYL/DHAHRAN SAUDI ARABIA 76-84
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBS TO VISION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00-02 | | | | | | | 2.1 | 5.2 | | 9.0 | 17.0 |
| | 03-05 | | | | | | | 4.9 | 8.5 | | 14.1 | 25.9 |
| | 06-08 | | | | | | | 8.5 | 20.1 | | 21.5 | 50.0 |
| | 09-11 | | | | | | | .3 | 23.7 | | 40.9 | 64.5 |
| | 12-14 | | | | | | | | 11.4 | | 39.0 | 50.3 |
| | 15-17 | | | | | | | | 5.2 | | 33.9 | 40.1 |
| | 18-20 | .3 | | | | | | | 14.2 | | 21.7 | 35.3 |
| | 21-23 | | | | | | | 1.3 | 10.1 | | 7.8 | 18.9 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | .3 | | | | | | 2.1 | 12.5 | | 23.5 | 37.9 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONI

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OB WITH OB TO VISIO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | | | | | | | .7 | 4.3 | | 17.8 | 22. |
| | 03-05 | | | | | | | 1.0 | 4.5 | | 22.5 | 27. |
| | 06-08 | | | | | | | .7 | 15.2 | | 30.3 | 44. |
| | 09-11 | | | | | | | | 15.5 | | 49.0 | 63. |
| | 12-14 | | | | | | | | 5.7 | | 49.8 | 55. |
| | 15-17 | | | | | | | | 3.7 | | 44.7 | 47. |
| | 18-20 | | | | | | | | 3.9 | | 32.9 | 36. |
| | 21-23 | | | | | | | .7 | 4.7 | | 16.3 | 21. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | | | | | | | .4 | 7.4 | | 32.9 | 40. |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFA WEATHER SERVICE/MAC

# WEATHER CON

[illegible]153 AL JUBAYL/DHAHRAN SAUDI ARABIA 76-84
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF WITH TO VIS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | .4 | .4 | | | | .4 | 1.4 | 4.2 | | 7.5 | 9. |
| | 03-05 | | | | | | | 1.3 | 5.3 | | 4.0 | 8. |
| | 06-08 | .3 | | | | | | 3.8 | 11.2 | | 1.8 | 25. |
| | 09-11 | | .3 | | | | .3 | 1.0 | 20.3 | | 22.5 | 42. |
| | 12-14 | | .7 | | | | .7 | | 5.2 | | 25.2 | 32. |
| | 15-17 | | .3 | | | | .3 | | 6.9 | | 21.2 | 31. |
| | 18-20 | .3 | .3 | | | | .3 | | 9.5 | | 17.1 | 25. |
| | 21-23 | .3 | .3 | | | | .3 | | 5.4 | | 4.7 | 9. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | .2 | .3 | | | | .3 | .9 | 5.5 | | 14.1 | 23. |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

404150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 3.4 | 7.1 | 7.2 | 1.9 | .2 | | | | | |
| NNE | .1 | .9 | 1.2 | .5 | | | | | | | |
| NE | .3 | .2 | .5 | | | | | | | | |
| ENE | | .9 | .7 | | | | | | | | |
| E | .1 | .9 | .8 | .3 | | | | | | | |
| ESE | .1 | .7 | 2.1 | .3 | .1 | | | | | | |
| SE | .2 | .9 | 1.7 | 1.9 | .5 | | | | | | |
| SSE | .5 | .9 | 3.3 | 1.5 | | | | | | | |
| S | .3 | 1.3 | 2.9 | 2.1 | .1 | | | | | | |
| SSW | .1 | .7 | .5 | .1 | | | | | | | |
| SW | .5 | .5 | | | | | | | | | |
| WSW | .1 | .3 | .1 | .2 | | | | | | | |
| W | .5 | .9 | 1.5 | .8 | .1 | | | | | | |
| WNW | .3 | 1.6 | 2.8 | 1.9 | .5 | | | | | | |
| NW | .1 | .9 | 7.1 | 4.4 | 2.1 | | | | | | |
| NNW | .3 | 1.6 | 4.4 | 8.6 | 2.0 | .1 | | | | | |
| VARBL | .6 | .2 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.8 | 17.3 | 37.0 | 30.0 | 7.2 | .3 | | | | | |

TOTAL NUMBER OF OBSERVATION

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 2.3 | 11.3 | 13.6 | 1.5 | .2 | | | | | |
| NNE | | 1.9 | 4.4 | 1.2 | | | | | | | |
| NE | | .9 | 1.9 | .1 | | | | | | | |
| ENE | .5 | 2.1 | 1.5 | | | | | | | | |
| E | .7 | 4.2 | 2.1 | .5 | .1 | | | | | | |
| ESE | .5 | 2.8 | 2.3 | .8 | .1 | | | | | | |
| SE | .2 | 1.2 | 3.3 | 2.1 | .1 | | | | | | |
| SSE | .3 | .7 | 2.2 | 1.9 | | | | | | | |
| S | .2 | .7 | .7 | .2 | | | | | | | |
| SSW | .1 | .2 | .2 | | | | | | | | |
| SW | .1 | .1 | .2 | | | | | | | | |
| WSW | | .1 | | | | | | | | | |
| W | | .1 | .6 | | | | | | | | |
| WNW | | .8 | .6 | .6 | .3 | | | | | | |
| NW | .1 | .9 | 2.3 | 3.5 | .9 | | | | | | |
| NNW | .1 | .6 | 3.1 | 8.0 | 2.6 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 3.1 | 20.2 | 36.8 | 32.5 | 5.7 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 3.7 | 10.6 | 2.4 | | | | | | | |
| NNE | 1.2 | 3.5 | 1.0 | | | | | | | | |
| NE | .1 | 2.1 | .2 | .2 | | | | | | | |
| ENE | .5 | 1.7 | 1.2 | .2 | | | | | | | |
| E | 1.6 | 5.7 | 2.9 | .4 | .1 | | | | | | |
| ESE | .9 | 2.2 | 1.7 | .2 | .1 | | | | | | |
| SE | .4 | 1.2 | 2.7 | .2 | | | | | | | |
| SSE | .2 | .6 | .7 | .4 | | | | | | | |
| S | .4 | .4 | .2 | | | | | | | | |
| SSW | .1 | | .2 | | | | | | | | |
| SW | | | .1 | | | | | | | | |
| WSW | .1 | | | | | | | | | | |
| W | .2 | .2 | .1 | .1 | | | | | | | |
| WNW | .1 | 1.0 | .9 | .6 | | | | | | | |
| NW | | 2.6 | 3.5 | 2.1 | .1 | | | | | | |
| NNW | .5 | 4.7 | 11.5 | 4.7 | 1.1 | | | | | | |
| VARBL | .1 | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 7.6 | 34.8 | 37.8 | 11.7 | 1.5 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 4.3 | 2.6 | .5 | .1 | | | | | | |
| NNE | .9 | .9 | | | | | | | | | |
| NE | .5 | .7 | .2 | | | | | | | | |
| ENE | .5 | .2 | .4 | | .1 | | | | | | |
| E | .5 | 4.3 | 1.5 | .2 | | | | | | | |
| ESE | 1.2 | 4.2 | 2.5 | 1.1 | .4 | | | | | | |
| SE | .9 | 1.3 | 2.2 | .5 | .1 | | | | | | |
| SSE | .1 | .6 | .4 | .1 | | | | | | | |
| S | | .1 | | | | | | | | | |
| SSW | .2 | .2 | .1 | | | | | | | | |
| SW | .2 | .1 | | | | | | | | | |
| WSW | .2 | .2 | | | | | | | | | |
| W | 1.1 | 2.7 | 1.7 | .1 | | | | | | | |
| WNW | 1.2 | 5.6 | 4.9 | .5 | | | | | | | |
| NW | 1.3 | 6.4 | 7.1 | 3.4 | .4 | .5 | | | | | |
| NNW | .9 | 5.3 | 5.1 | 2.3 | .2 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.1 | 37.9 | 28.7 | 9.4 | 1.3 | .5 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.9 | 4.7 | 3.5 | .5 | .1 | | | | | |
| NNE | .4 | 1.1 | .9 | .2 | | | | | | | |
| NE | .2 | .5 | .5 | .1 | | | | | | | |
| ENE | .2 | .9 | .5 | .0 | .0 | | | | | | |
| E | .5 | 2.3 | 1.2 | .3 | .0 | | | | | | |
| ESE | .5 | 1.9 | 1.4 | .5 | .1 | | | | | | |
| SE | .4 | 1.2 | 1.9 | .9 | .1 | | | | | | |
| SSE | .4 | 1.0 | 1.5 | .9 | .0 | | | | | | |
| S | .4 | .9 | 1.2 | .4 | .0 | | | | | | |
| SSW | .3 | .6 | .4 | .1 | | | | | | | |
| SW | .3 | .4 | .2 | .0 | | | | | | | |
| WSW | .4 | .6 | .2 | .1 | | | | | | | |
| W | 1.1 | 3.5 | 2.8 | .6 | .0 | | | | | | |
| WNW | .5 | 4.2 | 7.3 | 2.4 | .4 | .0 | | | | | |
| NW | .3 | 2.6 | 5.5 | 4.8 | .9 | .1 | | | | | |
| NNW | .4 | 2.0 | 4.8 | 4.1 | 1.0 | .1 | | | | | |
| VARBL | .1 | .0 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 7.1 | 26.7 | 35.0 | 18.9 | 3.1 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415J (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.9 | 2.4 | 1.5 | .1 | | | | | | |
| NNE | 1.1 | 2.3 | .5 | .1 | | | | | | | |
| NE | | .5 | .3 | .1 | | | | | | | |
| ENE | .3 | .9 | .4 | | | | | | | | |
| E | .7 | 1.5 | .5 | | | | | | | | |
| ESE | .4 | 4.2 | 2.3 | .7 | .1 | | | | | | |
| SE | .6 | 3.5 | 1.9 | .4 | | | | | | | |
| SSE | .3 | 1.1 | 1.2 | .5 | | | | | | | |
| S | .1 | .7 | .7 | | | | | | | | |
| SSW | .3 | .4 | .3 | | | | | | | | |
| SW | .1 | .4 | .1 | | | | | | | | |
| WSW | .5 | 1.4 | | | | | | | | | |
| W | 3.2 | 9.1 | 2.4 | | | | | | | | |
| WNW | .9 | 9.6 | 5.3 | .7 | | | | | | | |
| NW | 1.4 | 3.2 | 3.4 | .7 | .4 | | | | | | |
| NNW | .5 | 2.3 | 2.7 | 2.7 | .4 | | | | | | |
| VARBL | | .3 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 12.2 | 43.7 | 29.2 | 7.4 | 1.1 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.6 | 2.8 | 1.1 | .1 | | | | | | |
| NNE | .7 | 1.7 | .9 | .1 | | | | | | | |
| NE | .4 | .3 | | | | | | | | | |
| ENE | .? | 1.3 | .1 | | | | | | | | |
| E | .7 | 1.2 | .3 | .1 | .1 | | | | | | |
| ESE | .3 | 2.0 | 1.1 | .4 | | | | | | | |
| SE | .? | 2.6 | 2.1 | .1 | | | | | | | |
| SSE | .3 | 2.2 | 1.3 | .4 | | | | | | | |
| S | .7 | 1.2 | .7 | | | | | | | | |
| SSW | .4 | .4 | .1 | | | | | | | | |
| SW | .4 | .5 | | | | | | | | | |
| WSW | .5 | .9 | .4 | | | | | | | | |
| W | 2.5 | 7.1 | 4.? | | | | | | | | |
| WNW | 2.2 | 7.8 | 8.? | 1.7 | .1 | | | | | | |
| NW | .7 | 2.9 | 5.5 | 1.3 | .8 | | | | | | |
| NNW | .4 | 2.6 | 2.5 | 2.6 | .3 | | | | | | |
| VARBL | | .1 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 12.5 | 35.5 | 29.8 | 7.9 | 1.5 | | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 2.6 | 1.5 | 1.5 | .4 | | | | | | | |
| NNE | .7 | .8 | .7 | .3 | | | | | | | | |
| NE | .4 | .3 | .1 | | | | | | | | | |
| ENE | .4 | .8 | .8 | | | | | | | | | |
| E | .4 | .5 | 1.0 | .1 | .1 | | | | | | | |
| ESE | .4 | .3 | 1.0 | .1 | .1 | | | | | | | |
| SE | .7 | 2.1 | 1.6 | .4 | | .1 | | | | | | |
| SSE | .3 | 1.4 | .8 | .8 | | | | | | | | |
| S | .4 | 1.2 | .8 | | | | | | | | | |
| SSW | .5 | .7 | .4 | .1 | | | | | | | | |
| SW | .5 | .5 | .1 | | | | | | | | | |
| WSW | 1.0 | 1.2 | .1 | .1 | | | | | | | | |
| W | 1.9 | 3.2 | 4.9 | | | | | | | | | 1 |
| WNW | 1.8 | 5.6 | 3.8 | 1.9 | | | | | | | | 1 |
| NW | .5 | 3.1 | 5.7 | 3.3 | .1 | .3 | | | | | | 1 |
| NNW | .4 | .5 | 2.2 | 2.2 | | .1 | | | | | | |
| VARBL | | .1 | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1 |
| | 11.2 | 31.6 | 30.6 | 10.9 | .8 | .5 | | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE W

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.6 | 3.8 | 4.3 | 1.3 | | | | | | | 11 |
| NNE | .1 | .9 | 1.5 | 1.1 | .1 | | | | | | | 3 |
| NE | .1 | .4 | 1.1 | .3 | | | | | | | | 1 |
| ENE | .3 | .6 | .9 | | | | | | | | | 1 |
| E | .3 | 2.5 | 1.5 | .5 | | | | | | | | 4 |
| ESE | .4 | 1.4 | 1.8 | .4 | .1 | | | | | | | 4 |
| SE | .3 | 1.0 | 2.0 | 1.4 | .1 | .1 | | | | | | 4 |
| SSE | .5 | .8 | 2.1 | 1.9 | .5 | | | | | | | 5 |
| S | .5 | 2.1 | 2.0 | 1.3 | | | | | | | | 5 |
| SSW | .3 | 1.5 | 1.5 | .1 | | | | | | | | 3 |
| SW | .3 | 1.1 | .5 | .1 | | | | | | | | 2 |
| WSW | .5 | 1.0 | .1 | | | | | | | | | 1 |
| W | .1 | 3.5 | 2.3 | .4 | | | | | | | | 6 |
| WNW | .3 | 3.4 | 5.7 | 3.0 | .1 | | | | | | | 13 |
| NW | .4 | 2.6 | 5.4 | 5.7 | 2.0 | .1 | | | | | | 16 |
| NNW | .3 | .9 | 3.3 | 3.3 | 1.0 | | | | | | | 9 |
| VARBL | .1 | .3 | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3 |
| | 4.9 | 25.6 | 35.5 | 23.7 | 5.3 | .3 | | | | | | 100 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE W

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS) 1

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.8 | 5.3 | 3.8 | 4.1 | .1 | | | | | | 22 |
| NNE | | 2.1 | 2.9 | 1.6 | | | | | | | | 6 |
| NE | | .3 | .9 | .8 | | | | | | | | 1 |
| ENE | .7 | .4 | 1.9 | .8 | | | | | | | | 3 |
| E | .1 | 2.8 | 2.9 | .6 | | | | | | | | 6 |
| ESE | .3 | 2.5 | 2.3 | .8 | .1 | | | | | | | 6 |
| SE | .1 | 1.3 | 3.0 | 3.0 | .3 | | | | | | | 7 |
| SSE | | 1.0 | 3.0 | 3.0 | .3 | | | | | | | 7 |
| S | .9 | 1.8 | 1.9 | .8 | | | | | | | | 5 |
| SSW | .1 | 1.0 | .9 | .5 | .1 | | | | | | | 2 |
| SW | .1 | .1 | .4 | .4 | | | | | | | | 1 |
| WSW | | .3 | .1 | | | | | | | | | |
| W | .4 | .6 | .3 | | | | | | | | | 1 |
| WNW | .3 | 1.3 | 1.5 | .4 | .1 | .1 | | | | | | 3 |
| NW | .3 | .8 | 2.4 | 2.6 | 2.0 | .1 | | | | | | 8 |
| NNW | .4 | .9 | 4.5 | 5.7 | 2.9 | .3 | | | | | | 14 |
| VARBL | .1 | .3 | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1 |
| | 3.6 | 20.1 | 35.1 | 29.6 | 9.9 | .6 | | | | | | 100 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WI

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

1
NO

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.3 | 5.4 | 17.4 | 3.7 | .3 | | | | | | 28.2 |
| NNE | | .5 | 7.9 | 3.5 | .4 | | | | | | | 12.3 |
| NE | | 1.3 | 3.6 | 1.4 | | | | | | | | 6.3 |
| ENE | .4 | .5 | 4.1 | .6 | | | | | | | | 5.6 |
| E | .7 | 4.4 | 3.4 | .9 | .1 | | | | | | | 9.5 |
| ESE | .5 | 2.2 | 4.1 | 1.7 | .3 | | | | | | | 8.8 |
| SE | .1 | .5 | 2.3 | 1.4 | .1 | | | | | | | 4.4 |
| SSE | | .3 | 1.2 | 2.3 | .4 | | | | | | | 4.2 |
| S | .1 | .4 | .5 | .1 | | | | | | | | 1.2 |
| SSW | .1 | .1 | .3 | | | | | | | | | .5 |
| SW | | | | | | | | | | | | |
| WSW | | | | .3 | | | | | | | | .3 |
| W | | .3 | .4 | .1 | | | | | | | | .8 |
| WNW | .1 | .5 | .3 | .3 | | | | | | | | 1.2 |
| NW | .1 | .3 | .9 | 1.2 | .1 | | | | | | | 2.6 |
| NNW | | .3 | .9 | 5.4 | 1.7 | .4 | | | | | | 8.8 |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 |
| | 1.9 | 13.1 | 37.9 | 35.4 | 7.2 | .5 | | | | | | 100.2 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WI

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40494 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS) 1P (NO)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 7.6 | 13.6 | 4.1 | 1.2 | | | | | | | 27. |
| NNE | 1.5 | 5.5 | 3.7 | 1.0 | | | | | | | | 11. |
| NE | .8 | 3.8 | 1.5 | .3 | | | | | | | | 6. |
| ENE | .5 | 2.2 | 3.2 | 1.0 | | | | | | | | 6. |
| E | 1.4 | 5.0 | 7.7 | 1.4 | .1 | | | | | | | 15. |
| ESE | .3 | 2.5 | 2.2 | 1.4 | .1 | | | | | | | 6. |
| SE | .3 | .8 | 1.2 | 1.0 | | | | | | | | 3. |
| SSE | .1 | .3 | .5 | .4 | | | | | | | | 1. |
| S | | .1 | | | | | | | | | | . |
| SSW | | | .1 | | | | | | | | | . |
| SW | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | |
| W | .1 | .1 | | | | | | | | | | . |
| WNW | .1 | .1 | .1 | | | | | | | | | . |
| NW | | .7 | .8 | 1.0 | | | | | | | | 2. |
| NNW | .7 | 1.5 | 5.9 | 3.8 | .5 | | | | | | | 12. |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3. |
| | 6.7 | 31.5 | 40.8 | 15.2 | 2.1 | | | | | | | 100. |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE WI

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41415 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS) . 1 (NO

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 7.7 | 5.4 | .6 | .1 | | | | | | | 15. |
| NNE | 1.7 | 3.1 | 1.2 | | | | | | | | | 6. |
| NE | 1.2 | 1.4 | .7 | | | | | | | | | 3. |
| ENE | .4 | .9 | .2 | | | | | | | | | 2. |
| E | .9 | 5.6 | 2.8 | .5 | | | | | | | | 10. |
| ESE | .5 | 4.1 | 3.1 | 2.0 | | | | | | | | 9. |
| SE | .7 | 1.4 | 1.5 | 1.0 | .1 | | | | | | | 4. |
| SSE | | .7 | .4 | .1 | | | | | | | | 1. |
| S | .3 | .4 | .3 | | | | | | | | | 1. |
| SSW | | .1 | | | | | | | | | | 0. |
| SW | .1 | .1 | | | | | | | | | | 0. |
| WSW | .3 | 1.2 | | | | | | | | | | 1. |
| W | 2.4 | 3.0 | .7 | | | | | | | | | 6. |
| WNW | 1.3 | 3.0 | 1.2 | | | | | | | | | 5. |
| NW | .9 | 3.1 | 4.2 | .9 | .3 | | | | | | | 9. |
| NNW | .4 | 5.1 | 3.7 | 2.2 | .4 | | | | | | | 11. |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13. |
| | 11.2 | 40.7 | 26.5 | 7.6 | .9 | | | | | | | 100. |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE W

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 3.5 | 5.3 | 5.0 | 1.4 | .0 | | | | | | 1 |
| NNE | .7 | 2.1 | 2.4 | 1.0 | .1 | | | | | | | 5 |
| NE | .4 | 1.0 | 1.0 | .4 | | | | | | | | 2 |
| ENE | .7 | 1.0 | 1.5 | .3 | | | | | | | | |
| E | .6 | 3.1 | 2.7 | .5 | .1 | | | | | | | |
| ESE | .4 | 2.5 | 2.2 | .9 | .1 | | | | | | | |
| SE | .4 | 1.6 | 2.0 | 1.4 | .1 | .0 | | | | | | |
| SSE | .5 | 1.0 | 1.4 | 1.2 | .1 | | | | | | | 4 |
| S | .4 | 1.0 | .8 | .3 | | | | | | | | |
| SSW | .2 | .5 | .5 | .1 | .0 | | | | | | | 1 |
| SW | .2 | .4 | .1 | .1 | | | | | | | | |
| WSW | .4 | .7 | .1 | .0 | | | | | | | | 1 |
| W | 1.3 | 3.9 | 1.8 | .1 | | | | | | | | 7 |
| WNW | .3 | 4.0 | 3.9 | 1.0 | .0 | .0 | | | | | | |
| NW | .5 | 2.1 | 3.6 | 2.1 | .7 | .1 | | | | | | |
| NNW | .4 | 1.7 | 3.2 | 3.5 | .9 | .1 | | | | | | |
| VARBL | .5 | .1 | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7 |
| | 9.1 | 30.2 | 32.7 | 17.9 | 3.6 | .3 | | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE V

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.2 | 5.4 | 12.5 | 5.2 | 2.2 | .1 | | | | | 2 |
| NNE | .2 | 1.7 | 3.9 | 2.8 | 2.4 | .5 | | | | | | 1 |
| NE | .4 | 1.5 | 4.2 | 1.9 | .1 | | | | | | | |
| ENE | .1 | 1.8 | 4.0 | 1.2 | | | | | | | | |
| E | .1 | 3.5 | 7.5 | 1.5 | | | | | | | | 1 |
| ESE | .1 | 2.2 | 3.2 | 1.2 | | | | | | | | |
| SE | .1 | .7 | 2.1 | 2.2 | | | | | | | | |
| SSE | .1 | 1.1 | 1.7 | .7 | | | | | | | | |
| S | .4 | .3 | 1.1 | .7 | | | | | | | | |
| SSW | .2 | .8 | .1 | .1 | | | | | | | | |
| SW | | .4 | .4 | .1 | | | | | | | | |
| WSW | .1 | .4 | | | | | | | | | | |
| W | .1 | .4 | .2 | | | | | | | | | |
| WNW | | .1 | .5 | | | | | | | | | |
| NW | | .4 | 1.4 | .5 | | | | | | | | |
| NNW | | .7 | 1.7 | 2.2 | 1.7 | .5 | | | | | | |
| VARBL | .2 | .5 | .2 | | | | | | | | | |
| CALM | | | | | | | | | | | | |
| | 2.4 | 18.8 | 37.3 | 27.6 | 9.3 | 3.3 | .1 | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE V

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.9 | 4.4 | 7.8 | 3.2 | 1.9 | | | | | | 1 |
| NNE | .1 | 1.4 | 3.0 | 2.8 | 1.4 | .5 | | | | | | |
| NE | . | 1.3 | .5 | .5 | .1 | .1 | | | | | | |
| ENE | | .4 | .8 | .6 | | | | | | | | |
| E | . | 2.6 | 1.8 | .4 | | | | | | | | |
| ESE | .1 | 2.6 | .6 | .7 | | | | | | | | |
| SE | .1 | .7 | . | .9 | | | | | | | | |
| SSE | . | 1.8 | 1.8 | 1.2 | .2 | | | | | | | |
| S | .3 | 2.6 | 2.3 | 1.3 | | | | | | | | |
| SSW | .5 | 1.4 | .5 | .1 | | | | | | | | |
| SW | .6 | 1.8 | .6 | .2 | | | | | | | | |
| WSW | .4 | 2.3 | 1.3 | .1 | | | | | | | | |
| W | .4 | 2.2 | 1.6 | .2 | | | | | | | | |
| WNW | .2 | 2.4 | 4.3 | 1.3 | .1 | | | | | | | |
| NW | .5 | 1.9 | 2.2 | 1.2 | .2 | | | | | | | |
| NNW | .4 | 1.8 | 2.4 | 4.5 | 1.3 | 1.3 | | | | | | 1 |
| VARBL | .1 | | | .1 | | | | | | | | |
| CALM | | | | | | | | | | | | |
| | 5.2 | 29.3 | 26.8 | 23.3 | 6.5 | 3.8 | | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403160 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.9 | 3.3 | 6.0 | 1.3 | 1.1 | | | | | |
| NNE | .3 | 2.9 | 1.3 | 1.1 | .6 | .4 | | | | | |
| NE | .3 | .4 | .3 | .5 | | | | | | | |
| ENE | .5 | .1 | .1 | .4 | .1 | | | | | | |
| E | .3 | .5 | .1 | .3 | | | | | | | |
| ESE | .4 | .3 | .5 | .1 | | | | | | | |
| SE | .5 | 1.3 | .3 | .1 | | | | | | | |
| SSE | .6 | .9 | .4 | .6 | | | | | | | |
| S | 1.0 | 1.5 | 1.0 | .3 | | | | | | | |
| SSW | 1.1 | 1.6 | .5 | | | | | | | | |
| SW | .3 | 1.6 | .4 | | | | | | | | |
| WSW | 1.0 | 2.7 | .8 | .1 | | | | | | | |
| W | 2.2 | 3.5 | 4.4 | .3 | | | | | | | |
| WNW | .6 | 3.6 | 3.4 | .9 | | | | | | | |
| NW | .6 | 2.5 | 2.5 | 1.3 | .1 | | | | | | |
| NNW | .6 | 2.2 | 2.5 | 2.0 | 1.0 | .1 | | | | | |
| VARBL | | | .1 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 10.9 | 34.2 | 22.4 | 13.9 | 3.2 | 1.5 | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 2.9 | 4.0 | 3.9 | 2.3 | .3 | .1 | | | | |
| NNE | 1.4 | 2.0 | .9 | .5 | .4 | | | | | | |
| NE | | | .3 | .1 | | | | | | | |
| ENE | | .5 | .3 | | | | | | | | |
| E | .3 | .3 | .5 | .1 | | | | | | | |
| ESE | .1 | 1.0 | .3 | | | | | | | | |
| SE | .8 | 1.6 | .8 | .5 | | | | | | | |
| SSE | .8 | 1.9 | .3 | .1 | | | | | | | |
| S | 1.0 | 2.3 | .4 | | | | | | | | |
| SSW | .5 | 1.8 | .1 | | | | | | | | |
| SW | .9 | 1.1 | | | | | | | | | |
| WSW | 1.4 | 2.0 | .4 | | | | | | | | |
| W | 2.3 | 9.7 | 3.3 | .4 | | | | | | | |
| WNW | 1.0 | 5.6 | 3.5 | .5 | .1 | .1 | | | | | |
| NW | .6 | 3.4 | 2.1 | .8 | .1 | | | | | | |
| NNW | .8 | 1.6 | 1.8 | 1.5 | .5 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.4 | 38.3 | 18.8 | 8.5 | 3.4 | .4 | .1 | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415J (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 4.0 | 4.7 | 3.6 | .5 | | | | | | | 1 |
| NNE | .7 | 1.7 | 1.9 | .4 | | | | | | | | |
| NE | .4 | .4 | .5 | | | | | | | | | |
| ENE | 1.5 | .5 | .1 | | | | | | | | | |
| E | 1.3 | 2.4 | .5 | .1 | | | | | | | | |
| ESE | .6 | 1.6 | .9 | .2 | | | | | | | | |
| SE | .5 | 1.9 | 1.5 | .2 | | | | | | | | |
| SSE | .6 | 3.3 | 1.7 | .1 | | | | | | | | |
| S | 1.7 | 1.2 | | .1 | | | | | | | | |
| SSW | .4 | 1.3 | | | | | | | | | | |
| SW | .7 | .6 | | .1 | | | | | | | | |
| WSW | 1.5 | 1.6 | .4 | | | | | | | | | |
| W | 2.4 | 3.4 | 2.2 | .1 | .2 | | | | | | | 1 |
| WNW | 1.2 | 5.3 | 1.5 | .2 | .1 | | | | | | | |
| NW | 1.4 | 1.6 | .9 | .4 | .1 | | | | | | | |
| NNW | 1.2 | 2.3 | 2.1 | 2.2 | 1.3 | | | | | | | |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1 |
| | 15.8 | 37.7 | 19.1 | 7.9 | 2.1 | | | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 3.2 | 5.4 | 8.0 | 2.3 | .3 | .1 | | | | |
| NNE | .5 | 2.1 | 2.3 | 1.6 | .2 | .0 | | | | | |
| NE | .7 | 1.2 | 1.5 | .5 | .2 | .0 | | | | | |
| ENE | .4 | 1.2 | 1.5 | .5 | .0 | | | | | | |
| E | .4 | 2.9 | 3.7 | 1.3 | .1 | | | | | | |
| ESE | .5 | 2.2 | 2.3 | 1.0 | .4 | .1 | | | | | |
| SE | .3 | 1.5 | 2.0 | 1.0 | .1 | .0 | | | | | |
| SSE | .3 | 1.1 | 1.4 | 1.2 | .1 | .0 | | | | | |
| S | .4 | 1.4 | 1.2 | .5 | .1 | | | | | | |
| SSW | .4 | .5 | .4 | .0 | | | | | | | |
| SW | .3 | .4 | .2 | .0 | | | | | | | |
| WSW | .4 | .9 | .2 | | .0 | | | | | | |
| W | .9 | 3.3 | 1.3 | .3 | .1 | | | | | | |
| WNW | .8 | 2.9 | 2.5 | .6 | .1 | .0 | | | | | |
| NW | .3 | 1.7 | 2.4 | 1.0 | .1 | .0 | | | | | |
| NNW | .4 | 1.5 | 2.5 | 2.7 | .6 | .1 | | | | | |
| VARBL | .1 | .1 | .1 | .0 | | | | | | | |
| CALM | | | | | | | | | | | |
| | 7.5 | 28.0 | 31.0 | 20.5 | 4.3 | .6 | .1 | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 5.7 | 5.0 | 2.7 | .2 | | | | | | |
| NNE | 1.2 | 3.9 | 1.5 | | .2 | | | | | | |
| NE | 1.0 | 2.1 | .7 | .2 | | | | | | | |
| ENE | .5 | 1.8 | .8 | .2 | | | | | | | |
| E | .8 | 5.0 | 4.4 | 1.5 | .2 | | | | | | |
| ESE | 1.1 | 3.6 | 3.9 | 1.2 | .1 | | | | | | |
| SE | .4 | 1.4 | 1.2 | .8 | | | | | | | |
| SSE | .5 | .7 | 1.2 | .7 | .2 | | | | | | |
| S | .2 | .5 | .7 | .1 | .2 | | | | | | |
| SSW | .4 | .4 | | | | | | | | | |
| SW | .2 | .2 | .2 | | | | | | | | |
| WSW | .4 | .6 | .1 | | | | | | | | |
| W | 1.2 | 2.4 | .5 | .2 | | | | | | | |
| WNW | 1.4 | 3.3 | .6 | | | | | | | | |
| NW | .8 | 2.4 | 1.8 | .1 | .1 | | | | | | |
| NNW | 1.1 | 3.2 | 4.2 | 1.4 | | | | | | | |
| VARBL | .1 | .1 | .2 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 12.8 | 37.4 | 27.2 | 9.4 | 1.4 | | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS ____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 5.0 | 12.8 | 9.3 | .7 | .1 | | | | | |
| NNE | .5 | 4.8 | 4.5 | 1.3 | .1 | | | | | | |
| NE | .4 | 2.7 | 3.3 | .4 | | | | | | | |
| ENE | 1.0 | 3.8 | 3.7 | 1.5 | .1 | | | | | | |
| E | .5 | 5.2 | 7.6 | 2.7 | .4 | | | | | | |
| ESE | .5 | 1.9 | 2.3 | 1.1 | .1 | .2 | | | | | |
| SE | .2 | 1.0 | 1.6 | .2 | .2 | | | | | | |
| SSE | | .8 | .2 | 1.1 | | | | | | | |
| S | | .4 | .7 | .5 | | | | | | | |
| SSW | .1 | .1 | | .1 | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | | .1 | | | | | | | | | |
| W | .1 | .2 | | .1 | | | | | | | |
| WNW | | .2 | | | | | | | | | |
| NW | .1 | 1.2 | .2 | .2 | | | | | | | |
| NNW | .1 | 1.6 | 3.6 | 1.9 | .4 | .1 | | | | | |
| VARBL | | .1 | .1 | .1 | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.7 | 29.2 | 39.6 | 20.6 | 2.1 | .6 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/JHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .6 | 4.2 | 18.9 | 7.3 | .7 | .1 | | | | |
| NNE | | .7 | 4.9 | 5.5 | .6 | | | | | | |
| NE | .1 | 1.0 | 3.2 | 1.4 | | .1 | | | | | |
| ENE | .3 | 1.1 | 3.3 | 1.5 | .1 | | | | | | |
| E | .3 | 3.4 | 9.1 | 2.9 | .3 | | | | | | |
| ESE | .2 | 2.1 | 4.2 | 1.8 | .5 | .1 | | | | | |
| SE | .1 | 1.5 | 2.9 | 2.4 | .1 | | | | | | |
| SSE | | .9 | 1.5 | 1.9 | | | | | | | |
| S | .1 | .7 | .5 | .3 | | | | | | | |
| SSW | | | .1 | | | | | | | | |
| SW | | .1 | | | | | | | | | |
| WSW | .1 | .1 | | | .1 | | | | | | |
| W | | | .2 | .2 | | | | | | | |
| WNW | | | | .1 | | | | | | | |
| NW | | .1 | .1 | .1 | .1 | | | | | | |
| NNW | | | .2 | 3.2 | 1.1 | .1 | | | | | |
| VARBL | | | .1 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 1.5 | 12.2 | 33.7 | 40.3 | 10.3 | 1.0 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 73-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.2 | 5.4 | 16.8 | 5.5 | .3 | .5 | | | | |
| NNE | .2 | .5 | 1.5 | 3.1 | .3 | | | | | | |
| NE | .1 | .6 | 2.1 | .9 | .1 | .1 | | | | | |
| ENE | .1 | 1.3 | 2.3 | .1 | | | | | | | |
| E | .1 | 2.8 | 3.9 | 1.2 | .2 | | | | | | |
| ESE | .2 | 2.8 | 3.9 | 1.6 | 1.3 | .2 | | | | | |
| SE | .1 | 1.8 | 4.3 | 2.2 | | .1 | | | | | |
| SSE | .1 | 1.3 | 2.9 | 3.1 | .3 | .1 | | | | | |
| S | .1 | 1.2 | 1.4 | .8 | .3 | | | | | | |
| SSW | .2 | .1 | .3 | | | | | | | | |
| SW | | .2 | .2 | | | | | | | | |
| WSW | .1 | .6 | .5 | | | | | | | | |
| W | | .7 | .5 | .2 | .1 | | | | | | |
| WNW | .1 | .2 | .9 | .8 | .3 | | | | | | |
| NW | .2 | .2 | .7 | 1.3 | .6 | | | | | | |
| NNW | .1 | .9 | 1.3 | 3.9 | .7 | | | | | | |
| VARBL | | .2 | .2 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 2.2 | 19.5 | 31.9 | 36.1 | 9.7 | 1.4 | .5 | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.4 | 4.5 | 7.8 | 3.7 | .7 | .1 | | | | |
| NNE | .1 | 1.4 | 2.1 | 1.9 | .2 | .1 | | | | | |
| NE | .2 | 1.3 | 1.5 | .7 | | | | | | | |
| ENE | | .2 | 1.0 | .3 | | | | | | | |
| E | .3 | 2.2 | 2.2 | 1.0 | | | | | | | |
| ESE | .3 | 1.0 | 1.5 | .9 | 1.0 | .1 | | | | | |
| SE | .1 | 1.0 | 2.3 | 1.0 | .1 | | | | | | |
| SSE | .2 | .7 | 2.4 | 1.5 | | .1 | | | | | |
| S | .5 | 3.1 | 2.9 | 1.3 | .1 | | | | | | |
| SSW | .5 | 1.3 | 1.0 | .1 | | | | | | | |
| SW | .3 | .7 | .7 | .1 | | | | | | | |
| WSW | .6 | 1.7 | .5 | | | | | | | | |
| W | .5 | 2.2 | 2.2 | .7 | .2 | | | | | | |
| WNW | .1 | 2.1 | 2.5 | 1.4 | .2 | | | | | | |
| NW | .2 | 1.3 | 3.2 | 3.0 | | | | | | | |
| NNW | .1 | 1.5 | 3.5 | 5.5 | 1.6 | .2 | | | | | |
| VARBL | .1 | .1 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.5 | 23.0 | 34.2 | 27.2 | 7.2 | 1.3 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.9 | 3.8 | 2.9 | .6 | .2 | | | | | |
| NNE | .5 | 2.0 | 2.1 | .1 | | | | | | | |
| NE | .5 | 1.0 | .9 | .2 | | | | | | | |
| ENE | .4 | .5 | .7 | .1 | | | | | | | |
| E | .4 | 1.5 | 1.5 | .5 | | | | | | | |
| ESE | .5 | 1.5 | .5 | 1.1 | | | | | | | |
| SE | .5 | 1.2 | 1.2 | .2 | | | | | | | |
| SSE | .9 | 1.0 | 1.1 | .1 | .2 | | | | | | |
| S | .5 | 1.8 | 1.5 | .5 | .1 | | | | | | |
| SSW | .6 | .5 | .9 | .1 | | | | | | | |
| SW | .6 | .6 | | | | | | | | | |
| WSW | .7 | 1.6 | .7 | | | | | | | | |
| W | 1.5 | 5.2 | 2.5 | .1 | .1 | | | | | | |
| WNW | 2.0 | 5.0 | 7.0 | 1.2 | | | | | | | |
| NW | .2 | 2.9 | 4.0 | 2.6 | .1 | | | | | | |
| NNW | .2 | 1.2 | 2.5 | 2.7 | .4 | .1 | | | | | |
| VARBL | .1 | .1 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 10.9 | 31.7 | 31.1 | 12.6 | 1.5 | .4 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 4.6 | 3.4 | 2.8 | .1 | | | | | | |
| NNE | .4 | 1.8 | .9 | .7 | | | | | | | |
| NE | .2 | .8 | .2 | .4 | | | | | | | |
| ENE | .2 | .1 | .5 | .1 | | | | | | | |
| E | .2 | 1.2 | .1 | .5 | | | | | | | |
| ESE | .6 | 1.9 | 1.1 | .1 | | | | | | | |
| SE | .4 | 1.2 | 1.1 | .1 | | .1 | | | | | |
| SSE | .1 | 1.7 | .9 | .2 | | | | | | | |
| S | .9 | 1.8 | 1.7 | .1 | | | | | | | |
| SSW | .4 | .6 | .4 | | | | | | | | |
| SW | .3 | .9 | .1 | | | | | | | | |
| WSW | 1.1 | .9 | | | | | | | | | |
| W | 2.5 | 8.4 | 2.2 | .5 | | | | | | | |
| WNW | 1.1 | 5.8 | 5.7 | 1.1 | .2 | | | | | | |
| NW | .4 | 2.1 | 5.5 | .4 | | .1 | | | | | |
| NNW | .3 | 1.9 | 2.1 | 1.7 | | | | | | | |
| VARBL | .1 | .4 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 10.9 | 35.0 | 27.3 | 9.6 | .4 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIO

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 4.9 | 3.3 | 2.2 | | | | | | | |
| NNE | 1.2 | 2.1 | .5 | .1 | | | | | | | |
| NE | .1 | .5 | .7 | | | .1 | | | | | |
| ENE | .6 | .7 | .1 | .4 | | | | | | | |
| E | .5 | 1.6 | 1.9 | .1 | | | | | | | |
| ESE | .7 | 2.5 | 1.2 | .4 | | | | | | | |
| SE | .9 | 2.5 | 1.8 | 1.1 | .2 | | | | | | |
| SSE | .9 | 2.0 | 1.1 | .5 | | | | | | | |
| S | 1.1 | 1.8 | .6 | .6 | | | | | | | |
| SSW | .7 | .8 | .2 | | | | | | | | |
| SW | .2 | .4 | .2 | .1 | | | | | | | |
| WSW | .6 | 1.8 | | | | | | | | | |
| W | 1.8 | 5.7 | 2.2 | | | | | | | | |
| WNW | 1.9 | 5.4 | 3.4 | | .1 | .2 | | | | | |
| NW | .7 | 3.2 | 3.3 | .6 | .2 | | | | | | |
| NNW | .6 | 1.6 | 2.6 | 1.4 | .5 | | | | | | |
| VARBL | .4 | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.7 | 39.3 | 23.1 | 7.4 | 1.1 | .4 | | | | | |

TOTAL NUMBER OF OBSERVATIC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURF

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | | .6 | 4.9 | 14.2 | 5.5 | 2.7 | .1 | | | |
| NNE | | 1.2 | 5.3 | 7.3 | .6 | | | | | |
| NE | | 1.9 | 7.5 | 2.3 | .1 | | | | | |
| ENE | .1 | 1.5 | 5.7 | 1.8 | | | | | | |
| E | .1 | 2.9 | 11.5 | 2.5 | .2 | .1 | | | | |
| ESE | | 2.2 | 2.1 | 1.9 | | | | | | |
| SE | | .1 | 1.1 | 1.1 | | | | | | |
| SSE | .1 | | .4 | .4 | | | | | | |
| S | .1 | | .3 | .5 | | | | | | |
| SSW | | .1 | .1 | .1 | | | | | | |
| SW | | .2 | | | | .1 | | | | |
| WSW | | | | .1 | | | | | | |
| W | | | .2 | .2 | | | | | | |
| WNW | .1 | .2 | .1 | | .1 | .1 | | | | |
| NW | .1 | .1 | .4 | .4 | .1 | | | | | |
| NNW | | .2 | .7 | 1.3 | 1.2 | .5 | | | | |
| VARBL | | .1 | | | | | | | | |
| CALM | | | | | | | | | | |
| | .7 | 11.6 | 42.3 | 33.6 | 7.8 | 3.5 | .1 | | | |

TOTAL NUMBER OF OBSERVA

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

*04160 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 4.7 | 8.9 | 8.4 | 2.0 | .2 | | | | | |
| NNE | .5 | 5.5 | 9.1 | 1.9 | .1 | | | | | | |
| NE | .5 | 4.7 | 4.0 | .4 | | | | | | | |
| ENE | .6 | 3.8 | 4.9 | 1.1 | | | | | | | |
| E | .5 | 5.7 | 7.7 | 2.3 | .1 | | | | | | |
| ESE | .2 | 1.2 | 2.5 | .5 | | | | | | | |
| SE | .4 | .4 | .6 | .2 | | | | | | | |
| SSE | | .5 | .2 | | | | | | | | |
| S | | .4 | .2 | | | | | | | | |
| SSW | | .2 | .1 | .1 | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | | | | | | | | | | | |
| W | | .1 | .2 | .1 | | | | | | | |
| WNW | | .1 | .2 | .2 | | | | | | | |
| NW | | .4 | .4 | .2 | | | | | | | |
| NNW | .6 | 1.1 | 1.5 | 2.5 | .6 | .2 | | | | | |
| VARBL | .1 | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.8 | 29.9 | 40.7 | 18.0 | 2.8 | .6 | | | | | |

TOTAL NUMBER OF OBSERVATI

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFA**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 5.3 | 5.5 | 2.9 | .5 | | | | | | |
| NNE | 1.5 | 5.0 | 2.4 | 1.3 | .1 | | | | | | |
| NE | .5 | 2.3 | .5 | .3 | | | | | | | |
| ENE | .5 | 1.8 | 1.0 | .5 | | | | | | | |
| E | 1.0 | 5.1 | 3.4 | .6 | | | | | | | |
| ESE | .8 | 3.8 | 3.1 | 1.5 | | | | | | | |
| SE | .5 | .8 | .5 | .3 | | | | | | | |
| SSE | .8 | 1.4 | .9 | | | | | | | | |
| S | .4 | .4 | .3 | | .1 | | | | | | |
| SSW | .4 | .1 | .3 | .1 | | | | | | | |
| SW | .5 | .6 | | | | | | | | | |
| WSW | .5 | .6 | .4 | | | | | | | | |
| W | 1.9 | 2.9 | .1 | .1 | .1 | | | | | | |
| WNW | 1.0 | 2.1 | .5 | .1 | .1 | | | | | | |
| NW | .8 | 1.8 | .5 | .4 | | .1 | .1 | | | | |
| NNW | .9 | 2.5 | 3.3 | 2.5 | | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.5 | 33.4 | 23.3 | 10.5 | 1.0 | .1 | .1 | | | | |

TOTAL NUMBER OF OBSERVATI

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 3.0 | 5.3 | 7.5 | 2.6 | 1.1 | .0 | | | | |
| NNE | .6 | 2.8 | 3.6 | 2.3 | .7 | .2 | | | | | |
| NE | .3 | 1.6 | 2.3 | .8 | .0 | .0 | | | | | |
| ENE | .4 | 1.3 | 2.2 | .7 | .0 | | | | | | |
| E | .4 | 3.1 | 4.2 | 1.0 | .0 | .0 | | | | | |
| ESE | .3 | 1.9 | 1.6 | .8 | | | | | | | |
| SE | .4 | .9 | .9 | .7 | | | | | | | |
| SSE | .5 | 1.3 | .9 | .4 | .0 | | | | | | |
| S | .6 | 1.2 | .7 | .3 | .0 | | | | | | |
| SSW | .4 | .9 | .2 | .1 | | | | | | | |
| SW | .4 | .8 | .2 | .1 | | .0 | | | | | |
| WSW | .6 | 1.2 | .4 | .0 | | | | | | | |
| W | 1.1 | 3.9 | 1.5 | .2 | .0 | | | | | | |
| WNW | .5 | 2.6 | 1.7 | .4 | .1 | .0 | | | | | |
| NW | .5 | 1.5 | 1.3 | .6 | .1 | .0 | .0 | | | | |
| NNW | .6 | 1.5 | 2.0 | 2.4 | .9 | .4 | | | | | |
| VARBL | .1 | .1 | .0 | .0 | | | | | | | |
| CALM | | | | | | | | | | | |
| | 8.3 | 29.5 | 29.1 | 18.1 | 4.6 | 1.7 | .1 | | | | |

TOTAL NUMBER OF OBSERVATI

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403630 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 4.5 | 5.5 | 2.7 | .7 | .1 | | | | | |
| NNE | .9 | 2.7 | 3.4 | 1.1 | | | | | | | |
| NE | .3 | .9 | .6 | | | | | | | | |
| ENE | .4 | .7 | .4 | | | | | | | | |
| E | .5 | 1.3 | .4 | .6 | .1 | | | | | | |
| ESE | .4 | 1.1 | .5 | .1 | | | | | | | |
| SE | .2 | .7 | .2 | | | | | | | | |
| SSE | .4 | 1.3 | .5 | .1 | | | | | | | |
| S | .5 | .5 | .5 | | | | | | | | |
| SSW | .2 | .5 | .2 | | | | | | | | |
| SW | .5 | .7 | | | | | | | | | |
| WSW | 1.5 | 3.1 | .1 | | | | | | | | |
| W | 2.9 | 13.5 | 2.3 | | | | | | | | |
| WNW | 1.1 | 6.5 | 2.2 | .2 | | | | | | | |
| NW | .7 | 2.5 | 1.2 | .9 | .4 | | | | | | |
| NNW | .9 | 1.3 | 2.7 | 2.6 | .1 | | | | | | |
| VARBL | .1 | .2 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.1 | 41.5 | 22.1 | 8.3 | 1.3 | .1 | | | | | |

TOTAL NUMBER OF OBSERVATIOI

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47416D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 3.2 | 5.7 | 4.8 | .7 | .1 | | | | | |
| NNE | .5 | 2.1 | 1.7 | .9 | | | | | | | |
| NE | .1 | .5 | .6 | | | | | | | | |
| ENE | | .1 | .4 | .2 | | | | | | | |
| E | .1 | .5 | .1 | .4 | | | | | | | |
| ESE | .1 | .5 | .6 | | | | | | | | |
| SE | | .1 | .2 | | | | | | | | |
| SSE | .2 | .4 | .4 | | | | | | | | |
| S | .1 | 1.1 | .5 | | | | | | | | |
| SSW | .5 | .5 | .5 | | | | | | | | |
| SW | .5 | .5 | .1 | | | | | | | | |
| WSW | 1.1 | 1.9 | .5 | | | | | | | | |
| W | 2.4 | 12.7 | 3.8 | | | | | | | | |
| WNW | 1.5 | 7.5 | 5.5 | .1 | | | | | | | |
| NW | .5 | 3.7 | 2.4 | 1.3 | .1 | | | | | | |
| NNW | .5 | 2.1 | 4.3 | 2.9 | .2 | | | | | | |
| VARBL | | .2 | .2 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 9.3 | 37.6 | 28.5 | 10.6 | 1.1 | .1 | | | | | |

TOTAL NUMBER OF OBSERVATIC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 3.2 | 7.5 | 9.1 | 1.4 | .4 | | | | | |
| NNE | .7 | 1.4 | 2.3 | 1.5 | .5 | | | | | | |
| NE | .2 | .2 | 1.0 | .1 | | | | | | | |
| ENE | .2 | .4 | .2 | | | | | | | | |
| E | | .7 | .4 | .1 | | | | | | | |
| ESE | .5 | .6 | .2 | | | | | | | | |
| SE | .1 | .6 | .2 | .1 | | | | | | | |
| SSE | .2 | .2 | .2 | .4 | | | | | | | |
| S | .3 | .7 | .2 | .1 | | | | | | | |
| SSW | .5 | .5 | .4 | .2 | | | | | | | |
| SW | .2 | 1.2 | .2 | | | | | | | | |
| WSW | .7 | 2.4 | .4 | .1 | | | | | | | |
| W | 2.1 | 10.7 | 3.9 | .2 | | | | | | | |
| WNW | .8 | 5.2 | 5.3 | .8 | | | | | | | |
| NW | .2 | 3.3 | 3.0 | 1.9 | .1 | | | | | | |
| NNW | .4 | 1.5 | 3.5 | 3.8 | .8 | .2 | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 8.4 | 32.9 | 29.0 | 18.6 | 2.9 | .5 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.7 | 3.4 | 16.1 | 5.5 | 1.8 | | | | | |
| NNE | .2 | 1.7 | 3.8 | 2.8 | .6 | .5 | | | | | |
| NE | .2 | 1.8 | 1.4 | .3 | | | | | | | |
| ENE | | .3 | 1.7 | .6 | | | | | | | |
| E | .2 | 1.6 | 1.6 | .5 | .2 | | | | | | |
| ESE | .1 | .9 | .8 | .2 | | | | | | | |
| SE | .1 | .5 | .1 | .2 | | | | | | | |
| SSE | .3 | 1.1 | .7 | .5 | | | | | | | |
| S | .5 | 1.4 | 1.1 | .2 | .1 | | | | | | |
| SSW | .2 | .9 | .5 | .2 | .1 | | | | | | |
| SW | .5 | 1.0 | .5 | .5 | | | | | | | |
| WSW | .5 | 1.0 | .5 | | | | | | | | |
| W | .5 | 3.1 | 1.9 | .3 | | | | | | | |
| WNW | .5 | 1.6 | 1.6 | .3 | | | | | | | |
| NW | .2 | 1.5 | 2.4 | 1.0 | .2 | | | | | | |
| NNW | | .7 | 3.2 | 4.2 | 1.6 | .6 | | | | | |
| VARBL | | .1 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.6 | 22.0 | 30.2 | 29.0 | 9.3 | 2.8 | | | | | |

TOTAL NUMBER OF OBSERVATION

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

**SURFACE**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.4 | 4.3 | 18.7 | 9.3 | 2.3 | | | | | |
| NNE | | .7 | 5.5 | 9.4 | 1.8 | .3 | | | | | |
| NE | | .5 | 4.3 | 2.6 | | | | | | | |
| ENE | .1 | 1.3 | 4.4 | 1.2 | .1 | | | | | | |
| E | .1 | 3.1 | 7.3 | 1.7 | | .1 | | | | | |
| ESE | | 1.7 | 1.5 | 1.3 | | | | | | | |
| SE | .1 | .7 | .8 | .9 | | | | | | | |
| SSE | .1 | .5 | .5 | .3 | | .2 | | | | | |
| S | .1 | .2 | .6 | .6 | .1 | | | | | | |
| SSW | .1 | .1 | .2 | | | | | | | | |
| SW | | | | .1 | | | | | | | |
| WSW | | .1 | .5 | .2 | | | | | | | |
| W | .3 | .1 | | .2 | | | | | | | |
| WNW | | .5 | .5 | | | | | | | | |
| NW | | .2 | .2 | .7 | .2 | | | | | | |
| NNW | | .1 | 1.3 | 1.1 | 1.1 | .1 | | | | | |
| VARBL | | .2 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 1.1 | 11.2 | 31.6 | 38.9 | 12.7 | 3.6 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .2 | 5.9 | 20.1 | 9.8 | 1.5 | | | | | |
| NNE | | .5 | 7.3 | 10.6 | 1.2 | .1 | | | | | |
| NE | .1 | 1.3 | 5.2 | 1.6 | .2 | | | | | | |
| ENE | | 1.5 | 5.8 | 2.3 | | .1 | | | | | |
| E | .1 | 2.8 | 5.9 | 2.7 | | .3 | | | | | |
| ESE | | 1.2 | 1.7 | .3 | .1 | | | | | | |
| SE | | .3 | .2 | .3 | .2 | | | | | | |
| SSE | .1 | | .1 | .2 | | | | | | | |
| S | | | | .1 | .1 | .1 | | | | | |
| SSW | .1 | | .1 | | | | | | | | |
| SW | | | | .1 | | | | | | | |
| WSW | | | .1 | | | | | | | | |
| W | | .1 | | .1 | | | | | | | |
| WNW | | | .2 | | | | | | | | |
| NW | | | .1 | .1 | .2 | | | | | | |
| NNW | | .1 | .1 | 1.0 | 1.0 | .2 | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | .5 | 3.1 | 35.0 | 39.8 | 13.0 | 2.4 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 5.6 | 13.7 | 11.4 | 1.7 | .1 | | | | | |
| NNE | .5 | 7.3 | 10.9 | 4.7 | .1 | | | | | | |
| NE | .4 | 3.2 | 3.6 | .9 | .2 | | | | | | |
| ENE | .5 | 3.0 | 3.3 | .5 | .1 | | | | | | |
| E | .9 | 4.1 | 4.4 | 1.7 | | | | | | | |
| ESE | .4 | .9 | 1.1 | .2 | | | | | | | |
| SE | .2 | .5 | .6 | .6 | | | | | | | |
| SSE | .2 | .5 | | .1 | | | | | | | |
| S | | | | .1 | | | | | | | |
| SSW | .1 | .2 | .1 | | | | | | | | |
| SW | | | .1 | | | | | | | | |
| WSW | | .1 | | | | | | | | | |
| W | .1 | | | .1 | | .1 | | | | | |
| WNW | | .1 | .1 | | | | | | | | |
| NW | | .4 | .2 | | | | | | | | |
| NNW | .4 | .7 | 2.7 | 2.2 | .4 | .1 | | | | | |
| VARBL | | .1 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.5 | 25.7 | 40.2 | 22.6 | 2.5 | .4 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403630 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 8.0 | 10.7 | 3.6 | .5 | | | | | | |
| NNE | 1.3 | 6.0 | 4.9 | 1.6 | .1 | | | | | | |
| NE | .9 | .6 | .5 | .1 | .1 | | | | | | |
| ENE | 1.2 | 2.3 | .4 | .4 | | | | | | | |
| E | 1.2 | 3.8 | 1.6 | .1 | | .2 | | | | | |
| ESE | 1.0 | 2.8 | .9 | | | | | | | | |
| SE | .4 | 1.1 | .5 | .4 | | | | | | | |
| SSE | .2 | .9 | .2 | .4 | | | | | | | |
| S | .5 | .1 | | | | | | | | | |
| SSW | .1 | .5 | .1 | | | | | | | | |
| SW | .2 | .7 | | | | | | | | | |
| WSW | .7 | 1.5 | .5 | | .1 | | | | | | |
| W | 1.7 | 3.8 | .5 | .1 | .1 | .1 | | | | | |
| WNW | .5 | 2.1 | .1 | .1 | | | | | | | |
| NW | .2 | 1.2 | .7 | .2 | | .1 | | | | | |
| NNW | .5 | 3.3 | 3.7 | 1.8 | | | | | | | |
| VARBL | | .1 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 12.9 | 38.8 | 25.2 | 8.8 | 1.1 | .5 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41151 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 3.5 | 3.1 | 11.0 | 3.9 | .9 | | | | | |
| NNE | .5 | 2.8 | 5.0 | 4.2 | .5 | .1 | | | | | |
| NE | .3 | 1.1 | 2.2 | .7 | .1 | | | | | | |
| ENE | .3 | 1.2 | 2.2 | .7 | .0 | .0 | | | | | |
| E | .4 | 2.2 | 2.8 | 1.0 | .0 | .1 | | | | | |
| ESE | .2 | 1.2 | .9 | .3 | .0 | | | | | | |
| SE | .1 | .5 | .4 | .3 | .0 | | | | | | |
| SSE | .2 | .6 | .3 | .3 | | .0 | | | | | |
| S | .2 | .5 | .4 | .1 | .0 | .0 | | | | | |
| SSW | .2 | .4 | .2 | .1 | .0 | | | | | | |
| SW | .3 | .5 | .1 | .1 | | | | | | | |
| WSW | .5 | 1.2 | .2 | .0 | .0 | | | | | | |
| W | 1.2 | 5.4 | 1.5 | .1 | .0 | .0 | | | | | |
| WNW | .5 | 2.9 | 2.0 | .2 | | | | | | | |
| NW | .2 | 1.6 | 1.3 | .8 | .2 | .0 | | | | | |
| NNW | .2 | 1.2 | 2.5 | 2.5 | .7 | .2 | | | | | |
| VARBL | .0 | .1 | .0 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 5.7 | 27.1 | 30.5 | 22.3 | 5.6 | 1.4 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.3 | 3.2 | 5.7 | 1.7 | .1 | | | | | |
| NNE | | .3 | .1 | .1 | | | | | | | |
| NE | .1 | .5 | | | | | | | | | |
| ENE | .1 | | | | | | | | | | |
| E | .2 | .1 | .3 | .4 | | | | | | | |
| ESE | .1 | .3 | | | | | | | | | |
| SE | | .3 | | | | | | | | | |
| SSE | .1 | .5 | | | | | | | | | |
| S | .3 | .4 | | | | | | | | | |
| SSW | .3 | .1 | .1 | .1 | | | | | | | |
| SW | .1 | .3 | | | | | | | | | |
| WSW | 1.5 | 2.8 | .6 | | | | | | | | |
| W | 4.5 | 16.1 | 5.7 | .1 | | | | | | | |
| WNW | .5 | 5.1 | 5.9 | | | | | | | | |
| NW | .4 | 1.3 | 4.3 | 2.2 | .5 | | | | | | |
| NNW | .4 | 1.7 | 5.2 | 7.2 | 4.2 | .1 | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 9.4 | 32.5 | 26.5 | 15.9 | 6.2 | .3 | | | | | 1 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .2 | 3.6 | 24.6 | 15.2 | 2.4 | .3 | | | | |
| NNE | | .6 | 4.2 | 12.7 | .9 | | | | | | |
| NE | .1 | .9 | 4.7 | 2.0 | .1 | | | | | | |
| ENE | | 1.0 | 5.9 | 2.5 | | | | | | | |
| E | | 1.6 | 5.2 | 2.3 | | | | | | | |
| ESE | | .1 | .7 | | | | | | | | |
| SE | | | | | | | | | | | |
| SSE | | | .1 | | | | | | | | |
| S | | | | | | | | | | | |
| SSW | | | | .2 | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | | | | | | | | | | | |
| W | | | | | | | | | | | |
| WNW | | | .2 | .1 | | | | | | | |
| NW | | | | | | | | | | | |
| NNW | | | .1 | .9 | 1.0 | .1 | | | | | |
| VARBL | | | .1 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | .1 | 4.5 | 27.6 | 45.4 | 19.0 | 2.5 | .3 | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .3 | 5.5 | 18.5 | 17.7 | 5.3 | | | | | |
| NNE | | .5 | 2.8 | 6.5 | .6 | | | | | | |
| NE | | .5 | 1.3 | 1.8 | | | | | | | |
| ENE | | 1.1 | 2.9 | 1.2 | | | | | | | |
| E | .5 | 2.4 | 7.5 | 1.5 | .1 | | | | | | |
| ESE | | 1.2 | 1.3 | .4 | | | | | | | |
| SE | .1 | .1 | .2 | .2 | | | | | | | |
| SSE | .1 | .2 | | | | | | | | | |
| S | .1 | .1 | .1 | | | | | | | | |
| SSW | | .2 | | | | | | | | | |
| SW | | .2 | .1 | | | | | | | | |
| WSW | | .1 | .1 | .1 | .1 | .1 | | | | | |
| W | | .6 | .4 | .2 | | | | | | | |
| WNW | .6 | .1 | .5 | .7 | | | | | | | |
| NW | | .1 | .7 | .1 | .1 | | | | | | |
| NNW | .1 | .7 | 1.7 | 3.4 | 1.6 | .8 | .5 | .1 | | | |
| VARBL | .1 | .1 | .1 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 1.9 | 9.4 | 25.5 | 34.7 | 23.3 | 5.2 | .5 | .1 | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41253 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.6 | 3.9 | 13.1 | 8.2 | 3.1 | | | | | |
| NNE | .1 | 1.2 | 1.2 | 1.1 | .1 | | | | | | |
| NE | | .2 | .5 | .1 | | | | | | | |
| ENE | | .5 | .5 | | | | | | | | |
| E | .2 | 1.5 | 1.1 | .2 | | | | | | | |
| ESE | .2 | 1.2 | 1.1 | | | | | | | | |
| SE | .1 | .5 | .2 | .2 | | | | | | | |
| SSE | | | .1 | | | | | | | | |
| S | .3 | .8 | .2 | | | | | | | | |
| SSW | .4 | .4 | | | | | | | | | |
| SW | .6 | .9 | | .2 | | | | | | | |
| WSW | .4 | .9 | .8 | .1 | | | | | | | |
| W | .7 | 2.5 | 2.1 | .4 | | | | | | | |
| WNW | .7 | 2.1 | 4.0 | 1.5 | | | | | | | |
| NW | .2 | 1.2 | 5.5 | 3.8 | .8 | | | | | | |
| NNW | .1 | 1.3 | 6.9 | 9.2 | 3.9 | 1.3 | .6 | .1 | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.3 | 17.0 | 28.2 | 29.9 | 12.8 | 4.3 | .6 | .1 | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .5 | 2.6 | 2.8 | 1.2 | | | | | | |
| NNE | .7 | 1.0 | .1 | | | | | | | | |
| NE | .1 | .1 | | | | | | | | | |
| ENE | .1 | .1 | | | | | | | | | |
| E | .2 | .7 | .2 | | | | | | | | |
| ESE | .1 | .5 | .1 | .1 | | | | | | | |
| SE | | .5 | .2 | | | | | | | | |
| SSE | .5 | .4 | .1 | | | | | | | | |
| S | .2 | .8 | .1 | | | | | | | | |
| SSW | .1 | .2 | .1 | | | | | | | | |
| SW | .4 | .5 | .2 | | | | | | | | |
| WSW | .7 | 1.4 | .4 | | | | | | | | |
| W | 2.2 | 9.9 | 7.7 | .7 | | | | | | | |
| WNW | 1.8 | 8.0 | 15.5 | 2.6 | | | | | | | |
| NW | .2 | 2.2 | 7.3 | 4.7 | .9 | .2 | | | | | |
| NNW | .5 | .6 | 2.6 | 4.2 | 1.1 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 7.8 | 27.0 | 37.2 | 15.2 | 3.2 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .5 | 1.0 | 1.9 | .2 | .1 | | | | | |
| NNE | .8 | .7 | .1 | | | | | | | | |
| NE | | | | | | | | | | | |
| ENE | | .1 | | | | | | | | | |
| E | .7 | .8 | .2 | | | | | | | | |
| ESE | | 1.0 | .4 | | | | | | | | |
| SE | | | | | | | | | | | |
| SSE | | | | | | | | | | | |
| S | | .1 | | | | | | | | | |
| SSW | .4 | .5 | | | | | | | | | |
| SW | .7 | .2 | | | | | | | | | |
| WSW | 1.0 | 1.3 | .5 | | | | | | | | |
| W | 2.5 | 15.7 | 5.9 | .1 | | | | | | | |
| WNW | .7 | 10.0 | 15.5 | .6 | | | | | | | |
| NW | 1.5 | 2.8 | 3.8 | 2.4 | .5 | .1 | | | | | |
| NNW | | .8 | 2.3 | 4.6 | 1.0 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 9.0 | 35.7 | 29.8 | 9.7 | 1.8 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 2.1 | 1.5 | 1.7 | .2 | | | | | | |
| NNE | 1.3 | 1.3 | .1 | | | | | | | | |
| NE | .4 | .5 | | | | | | | | | |
| ENE | .5 | .1 | | | | | | | | | |
| E | 1.1 | 1.3 | .7 | | | | | | | | |
| ESE | .5 | .7 | .4 | .1 | | | | | | | |
| SE | .4 | .1 | | | | | | | | | |
| SSE | .5 | | .1 | | | | | | | | |
| S | .4 | .2 | | | | | | | | | |
| SSW | | .4 | | | | | | | | | |
| SW | .8 | .4 | .1 | | | | | | | | |
| WSW | 1.5 | 2.8 | .4 | | | .1 | | | | | |
| W | 4.2 | 18.8 | 5.2 | .1 | | | | | | | |
| WNW | 1.8 | 7.6 | 5.7 | | | | | | | | |
| NW | .6 | 1.9 | 2.4 | .6 | | .2 | | | | | |
| NNW | .4 | 1.0 | 2.9 | 3.9 | .5 | .1 | | | | | |
| VARBL | .1 | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 15.5 | 39.6 | 23.5 | 6.4 | .7 | .5 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.2 | 6.5 | 12.1 | 9.1 | 3.4 | .4 | .0 | | | |
| NNE | .2 | 1.7 | 2.5 | 2.3 | .3 | .0 | | | | | |
| NE | .2 | .8 | 1.2 | .6 | .0 | | | | | | |
| ENE | .1 | .3 | .9 | .2 | .0 | | | | | | |
| E | .3 | .8 | 1.4 | .5 | .0 | | | | | | |
| ESE | .2 | .3 | .2 | .0 | | | | | | | |
| SE | .1 | .1 | | .0 | .0 | | | | | | |
| SSE | .0 | .1 | .0 | .0 | | | | | | | |
| S | .1 | .2 | .1 | .1 | | | | | | | |
| SSW | .1 | .1 | .0 | .0 | .0 | | | | | | |
| SW | .1 | .3 | .1 | | | | | | | | |
| WSW | .5 | 1.1 | .3 | .0 | | | | | | | |
| W | 1.2 | 5.5 | 2.8 | .2 | .0 | | | | | | |
| WNW | .4 | 3.1 | 4.6 | .7 | .0 | | | | | | |
| NW | .2 | 1.1 | 3.4 | 2.9 | .4 | .0 | | | | | |
| NNW | .3 | 1.1 | 3.9 | 5.7 | 3.6 | 1.0 | .1 | | | | |
| VARBL | .1 | .0 | .0 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.5 | 13.7 | 29.1 | 25.6 | 13.5 | 4.4 | .5 | .0 | | | |

TOTAL NUMBER OF OBSERVATIO

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFA**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416J — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 5.5 | 7.7 | 8.9 | 1.5 | | | | | | |
| NNE | .5 | 3.8 | 1.1 | | | | | | | | |
| NE | .4 | .9 | .5 | | | | | | | | |
| ENE | .3 | .9 | .5 | | | | | | | | |
| E | 1.3 | 1.5 | .3 | .1 | | | | | | | |
| ESE | .3 | .6 | .1 | | | | | | | | |
| SE | .4 | .3 | | | | | | | | | |
| SSE | .1 | | | | | | | | | | |
| S | .3 | | | | | | | | | | |
| SSW | .4 | .1 | | | | | | | | | |
| SW | .6 | .9 | | | | | | | | | |
| WSW | 1.3 | 2.3 | | | | | | | | | |
| W | 2.2 | 5.8 | .8 | | | | | | | | |
| WNW | | 3.9 | .9 | | | | | | | | |
| NW | .4 | 1.9 | 1.3 | .8 | | | | | | | |
| NNW | .4 | 2.3 | 7.4 | 7.6 | 2.3 | .3 | | | | | |
| VARBL | .1 | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.7 | 31.2 | 20.6 | 17.4 | 3.8 | .3 | | | | | |

TOTAL NUMBER OF OBSERVATIC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFA**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 5.7 | 17.3 | 20.9 | 5.9 | .5 | | | | | |
| NNE | .2 | 5.6 | 8.1 | 2.2 | | | | | | | |
| NE | .5 | 2.7 | 2.5 | .1 | | | | | | | |
| ENE | .2 | .7 | 1.6 | .1 | .1 | | | | | | |
| E | .4 | 2.6 | 2.5 | 1.0 | | | | | | | |
| ESE | | .7 | .1 | | | | | | | | |
| SE | .2 | | | | | | | | | | |
| SSE | | | | | | | | | | | |
| S | .1 | .1 | | | | | | | | | |
| SSW | | | | | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | .1 | | | | | | | | | | |
| W | | | | | | | | | | | |
| WNW | | .2 | | | | | | | | | |
| NW | .1 | .2 | .2 | | .2 | | | | | | |
| NNW | .5 | 1.0 | 2.7 | 4.7 | 2.0 | .1 | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 3.2 | 20.6 | 35.1 | 29.0 | 8.2 | .6 | | | | | |

TOTAL NUMBER OF OBSERVATI(

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

**SURFA**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .4 | 4.4 | 21.1 | 23.5 | 10.0 | .2 | | | | |
| NNE | | .5 | 5.5 | 8.4 | 1.1 | .1 | | | | | |
| NE | .1 | 1.0 | 3.5 | 2.5 | | | | | | | |
| ENE | | .4 | 3.0 | 1.1 | | | | | | | |
| E | .1 | .4 | 3.4 | 1.4 | .1 | | | | | | |
| ESE | | .1 | .5 | .2 | | | | | | | |
| SE | | | | .1 | .1 | | | | | | |
| SSE | | | | | | | | | | | |
| S | | | .1 | | | | | | | | |
| SSW | | | | | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | | | .1 | | | | | | | | |
| W | | | | .1 | | | | | | | |
| WNW | | | .1 | .2 | | | | | | | |
| NW | | | | .1 | | | | | | | |
| NNW | | .1 | .2 | .7 | 2.8 | 1.7 | .4 | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | .2 | 2.8 | 20.9 | 36.1 | 27.6 | 11.8 | .6 | | | | |

TOTAL NUMBER OF OBSERVAT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURF

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .6 | 5.7 | 13.0 | 20.5 | 10.2 | 1.7 | .1 | | |
| NNE | .1 | .4 | 2.9 | 5.5 | .6 | .2 | | | | |
| NE | .1 | .5 | 3.0 | 1.8 | .1 | | | | | |
| ENE | | | 1.9 | .5 | .1 | | | | | |
| E | .1 | .7 | 4.0 | .7 | .1 | | | | | |
| ESE | .1 | .4 | .5 | .1 | | | | | | |
| SE | | | | .1 | .1 | | | | | |
| SSE | | | | .1 | | | | | | |
| S | | .1 | .1 | | | | | | | |
| SSW | | .1 | | | .1 | | | | | |
| SW | | .2 | .1 | | | | | | | |
| WSW | .1 | .2 | | .1 | | | | | | |
| W | .1 | .1 | | .1 | .1 | | | | | |
| WNW | .1 | .5 | .1 | .4 | | | | | | |
| NW | | | .5 | .7 | .1 | .1 | | | | |
| NNW | | .2 | 1.5 | 2.9 | 4.5 | 2.9 | .5 | | | |
| VARBL | | | .1 | | | | | | | |
| CALM | | | | | | | | | | |
| | 1.3 | 4.1 | 20.9 | 31.2 | 26.5 | 13.5 | 2.2 | .1 | | |

TOTAL NUMBER OF OBSERVA

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

**SURF**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.2 | 5.9 | 10.7 | 14.1 | 4.5 | 1.1 | | | |
| NNE | .2 | .8 | 1.4 | 1.3 | .4 | | | | | |
| NE | | .4 | .2 | .1 | | | | | | |
| ENE | .2 | .5 | .1 | | | | | | | |
| E | .1 | .5 | .5 | .2 | .1 | | | | | |
| ESE | .1 | .2 | | | | | | | | |
| SE | .1 | .1 | | | | | | | | |
| SSE | | | | | | | | | | |
| S | | .2 | .4 | .1 | | | | | | |
| SSW | | | .1 | .1 | | | | | | |
| SW | | .2 | .4 | | | | | | | |
| WSW | .2 | 1.0 | .7 | | | | | | | |
| W | .5 | 2.5 | 1.8 | .2 | | | | | | |
| WNW | .4 | 1.6 | 3.9 | 1.0 | | | | | | |
| NW | .2 | 1.9 | 4.0 | 5.5 | .6 | .1 | | | | |
| NNW | .1 | 1.2 | 5.4 | 8.7 | 7.8 | 2.1 | | | | |
| VARBL | .2 | .2 | .1 | | | | | | | |
| CALM | | | | | | | | | | |
| | 2.5 | 12.7 | 24.9 | 28.1 | 23.0 | 6.5 | 1.1 | | | |

TOTAL NUMBER OF OBSERV

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SUR

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .6 | 3.5 | 5.7 | 2.4 | .9 | .1 | | | |
| NNE | .1 | .3 | .5 | .3 | | | | | | |
| NE | .1 | | | .1 | | | | | | |
| ENE | | .1 | .1 | | | | | | | |
| E | | .1 | .1 | .1 | | | | | | |
| ESE | .1 | .3 | | | | | | | | |
| SE | .1 | | | | | | | | | |
| SSE | | .1 | .1 | | | | | | | |
| S | | .1 | | .3 | | | | | | |
| SSW | | .1 | .1 | .1 | | | | | | |
| SW | .1 | .1 | .3 | | | | | | | |
| WSW | | 1.5 | .1 | .1 | | | | | | |
| W | 1.3 | 5.9 | 7.2 | .9 | | | | | | |
| WNW | .5 | 5.2 | 14.0 | 3.2 | .3 | | | | | |
| NW | .1 | 1.9 | 10.0 | 7.9 | 1.0 | .1 | | | | |
| NNW | .5 | 1.3 | 8.7 | 6.6 | 3.2 | .4 | | | | |
| VARBL | | | | | | | | | | |
| CALM | | | | | | | | | | |
| | 3.6 | 19.2 | 40.9 | 25.3 | 6.9 | 1.4 | .1 | | | |

TOTAL NUMBER OF OBSE

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURI

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41152 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.1 | 3.1 | 4.5 | 1.5 | .2 | | | | |
| NNE | .1 | .5 | .5 | .3 | | | | | | |
| NE | | .1 | | | | | | | | |
| ENE | | .1 | | | | | | | | |
| E | | .4 | .2 | .1 | | | | | | |
| ESE | .1 | | .2 | | | | | | | |
| SE | .1 | .1 | | | | | | | | |
| SSE | .1 | .3 | | | | | | | | |
| S | | .2 | | .1 | | | | | | |
| SSW | | .3 | | | | | | | | |
| SW | .1 | | | | | | | | | |
| WSW | 1.0 | 1.3 | .5 | | | | | | | |
| W | 1.6 | 13.3 | 7.1 | .1 | | | | | | |
| WNW | 1.3 | 7.9 | 12.6 | 1.0 | | | | | | |
| NW | .6 | 1.6 | 7.0 | 5.5 | 1.0 | | | | | |
| NNW | .2 | 1.0 | 4.5 | 7.8 | 2.1 | | | | | |
| VARBL | .1 | .1 | | | | | | | | |
| CALM | | | | | | | | | | |
| | 5.0 | 28.4 | 35.2 | 23.4 | 4.6 | .3 | | | | |

TOTAL NUMBER OF OBSE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SUR

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 7.0 | 17.7 | 13.9 | 1.8 | | | | | |
| NNE | .7 | 3.5 | 13.5 | 3.2 | | | | | | |
| NE | .5 | 3.0 | 4.2 | .3 | | | | | | |
| ENE | .2 | 2.1 | 4.3 | .4 | | | | | | |
| E | .9 | 3.5 | 4.4 | 1.2 | | | | | | |
| ESE | | .5 | .7 | | | | | | | |
| SE | | .1 | | | | | | | | |
| SSE | .1 | .1 | .1 | | | | | | | |
| S | .1 | | | | | | | | | |
| SSW | | .1 | | | | | | | | |
| SW | | | | | | | | | | |
| WSW | .1 | | | | | | | | | |
| W | | .1 | .1 | | | | | | | |
| WNW | .1 | .1 | .2 | | | | | | | |
| NW | | .4 | .2 | | | | | | | |
| NNW | | .7 | 1.4 | 1.3 | .5 | | | | | |
| VARBL | | | | | | | | | | |
| CALM | | | | | | | | | | |
| | 4.2 | 25.1 | 43.5 | 21.1 | 2.2 | | | | | |

TOTAL NUMBER OF OBSE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SUR

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 5.7 | 3.4 | 2.4 | .5 | | | | | |
| NNE | 1.2 | 4.9 | 1.2 | .1 | | | | | | |
| NE | .1 | 2.3 | .1 | .1 | | | | | | |
| ENE | 1.2 | 2.3 | .2 | .2 | | | | | | |
| E | 2.0 | 3.8 | 1.4 | | | | | | | |
| ESE | .7 | 1.5 | .4 | | | | | | | |
| SE | | | | | | | | | | |
| SSE | .2 | .1 | | | | | | | | |
| S | .2 | .2 | | | | | | | | |
| SSW | .5 | .1 | | | | | | | | |
| SW | 1.1 | 1.1 | .1 | | | | | | | |
| WSW | 2.3 | 2.5 | | | | | | | | |
| W | 3.6 | 7.4 | .5 | .1 | | | | | | |
| WNW | .4 | 4.5 | .7 | | | | | | | |
| NW | .3 | 2.2 | 1.0 | .1 | | | | | | |
| NNW | .5 | 1.6 | 2.9 | 2.9 | .4 | .2 | | | | |
| VARBL | | | | | | | | | | |
| CALM | | | | | | | | | | |
| | 17.2 | 41.5 | 12.0 | 6.0 | .9 | .2 | | | | |

TOTAL NUMBER OF OBSE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SUR**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403160 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.4 | 5.3 | 10.0 | 5.9 | 1.4 | .0 | | | |
| NNE | .6 | 2.4 | 2.5 | 3.0 | .4 | | | | | |
| NE | .2 | 1.0 | 1.4 | .6 | .0 | | | | | |
| ENE | .? | .? | 1.8 | .6 | | | | | | |
| E | .7 | 2.0 | 2.7 | .7 | .0 | | | | | |
| ESE | .2 | .8 | .5 | .1 | | | | | | |
| SE | .1 | .2 | .1 | .1 | | | | | | |
| SSE | .2 | .1 | .1 | | | | | | | |
| S | .? | .2 | .1 | | | | | | | |
| SSW | .? | .? | .? | .0 | | | | | | |
| SW | .4 | .4 | .1 | .0 | | | | | | |
| WSW | .7 | 1.1 | .3 | .0 | .0 | .0 | | | | |
| W | 1.6 | 5.9 | 2.7 | .2 | | | | | | |
| WNW | .7 | 4.0 | 5.2 | .7 | | | | | | |
| NW | .4 | 1.3 | 2.6 | 1.4 | .3 | .1 | | | | |
| NNW | .2 | .8 | 2.5 | 3.8 | 1.2 | .3 | .1 | .0 | | |
| VARBL | .0 | .0 | .0 | | | | | | | |
| CALM | | | | | | | | | | |
| | 7.4 | 25.0 | 28.2 | 21.2 | 7.7 | 1.8 | .2 | .0 | | |

TOTAL NUMBER OF OBSE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SUR

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41153 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.2 | 1.5 | 1.1 | .5 | | | | | |
| NNE | .1 | .2 | | | | | | | | |
| NE | .1 | .1 | .1 | | | | | | | |
| ENE | .1 | .2 | .5 | | | | | | | |
| E | .9 | 1.9 | .5 | | | | | | | |
| ESE | .6 | .9 | .2 | | | | | | | |
| SE | .1 | | .4 | | | | | | | |
| SSE | .5 | | .1 | | | | | | | |
| S | .2 | | .4 | | | | | | | |
| SSW | .1 | .2 | .1 | | | | | | | |
| SW | .4 | .6 | | | | | | | | |
| WSW | 1.1 | 2.5 | .2 | | | | | | | |
| W | 3.7 | 21.4 | 8.0 | | | | | | | |
| WNW | 1.7 | 13.9 | 7.8 | .4 | | | | | | |
| NW | | 2.2 | 2.5 | .2 | | | | | | |
| NNW | .1 | .6 | 2.7 | 2.0 | .4 | | | | | |
| VARBL | | | | | | | | | | |
| CALM | | | | | | | | | | |
| | 10.3 | 43.1 | 25.1 | 3.7 | .9 | | | | | |

TOTAL NUMBER OF OBSI

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURF**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.1 | 1.2 | 1.0 | .2 | | | | | |
| NNE | .5 | .2 | | | | | | | | |
| NE | .2 | | | | | | | | | |
| ENE | | .6 | | | | | | | | |
| E | .2 | .5 | .2 | | | | | | | |
| ESE | | .4 | .1 | | | | | | | |
| SE | | .2 | .2 | | | | | | | |
| SSE | .1 | .5 | | | | | | | | |
| S | .2 | .4 | | | | | | | | |
| SSW | .1 | .2 | .1 | | | | | | | |
| SW | .2 | | .1 | | | | | | | |
| WSW | .1 | 1.3 | | | | | | | | |
| W | 2.6 | 14.3 | 7.8 | .2 | | | | | | |
| WNW | .9 | 12.5 | 14.2 | 1.3 | | | | | | |
| NW | .6 | 4.4 | 7.5 | 1.6 | .1 | | | | | |
| NNW | .2 | 1.0 | 3.2 | 3.4 | .2 | | | | | |
| VARBL | | | | | | | | | | |
| CALM | | | | | | | | | | |
| | 6.1 | 37.7 | 34.8 | 7.6 | .6 | | | | | |

TOTAL NUMBER OF OBSERV

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURF

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 |
|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.0 | 1.9 | 2.2 | .2 | .2 | | | | |
| NNE | .1 | .6 | | .1 | | | | | | |
| NE | | | | | | | | | | |
| ENE | | .1 | | | | | | | | |
| E | .1 | .7 | .2 | | | | | | | |
| ESE | .2 | .6 | .2 | | | | | | | |
| SE | .1 | .5 | | | | | | | | |
| SSE | .1 | .5 | | | | | | | | |
| S | .7 | .6 | .1 | | | | | | | |
| SSW | .2 | .4 | | | | | | | | |
| SW | .4 | .5 | | | | | | | | |
| WSW | .7 | 1.6 | .2 | | | | | | | |
| W | 1.3 | 10.0 | 9.3 | 1.0 | | | | | | |
| WNW | 1.0 | 8.5 | 15.7 | 3.1 | | | | | | |
| NW | .2 | 3.6 | 9.1 | 3.3 | | | | | | |
| NNW | .6 | 1.1 | 4.1 | 3.6 | .6 | | | | | |
| VARBL | | | | | | | | | | |
| CALM | | | | | | | | | | |
| | 6.2 | 30.1 | 46.9 | 13.3 | .7 | .2 | | | | |

TOTAL NUMBER OF OBSERV

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403163 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 2.0 | 4.4 | 12.4 | 5.4 | 2.0 | .1 | | | | |
| NNE | .5 | .5 | .7 | .3 | | | | | | | |
| NE | .1 | .2 | .2 | .1 | | | | | | | |
| ENE | .2 | .5 | .8 | | | | | | | | |
| E | .3 | 1.4 | 1.4 | .1 | | | | | | | |
| ESE | .1 | .6 | .8 | .1 | | | | | | | |
| SE | | .3 | .2 | | | | | | | | |
| SSE | .1 | .5 | .2 | | | | | | | | |
| S | .3 | .5 | .7 | .1 | | | | | | | |
| SSW | .2 | .5 | .1 | .1 | | | | | | | |
| SW | .2 | .6 | .2 | | | | | | | | |
| WSW | .2 | 1.7 | .3 | | | | | | | | |
| W | .5 | 1.5 | 3.0 | .7 | | | | | | | |
| WNW | .9 | 1.5 | 5.0 | 1.6 | | | | | | | |
| NW | .3 | 2.4 | 4.9 | 4.1 | .3 | | | | | | |
| NNW | | 1.5 | 5.8 | 12.6 | 4.2 | .7 | | | | | |
| VARBL | | .2 | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 4.1 | 16.5 | 29.9 | 32.4 | 13.9 | 2.7 | .1 | | | | |

TOTAL NUMBER OF OBSERVAT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFA

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

404150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .8 | 5.5 | 22.2 | 13.1 | 5.2 | .4 | | | | |
| NNE | .1 | .4 | 2.2 | 5.7 | .5 | | | | | | |
| NE | | .5 | 2.3 | 1.6 | .1 | | | | | | |
| ENE | | 1.1 | 4.3 | .6 | | | | | | | |
| E | .1 | 2.0 | 5.0 | .9 | | | | | | | |
| ESE | | .8 | 2.2 | .5 | .1 | | | | | | |
| SE | .1 | | | | | | | | | | |
| SSE | | .1 | .1 | | | | | | | | |
| S | | .2 | .1 | | | | | | | | |
| SSW | .1 | .4 | | | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | | | .1 | | | | | | | | |
| W | .1 | .1 | .4 | .1 | | | | | | | |
| WNW | | .1 | .4 | .7 | .2 | | | | | | |
| NW | | | .5 | .8 | .4 | | | | | | |
| NNW | | .5 | 1.1 | 3.7 | 3.4 | 1.2 | | | | | |
| VARBL | | .2 | .1 | | | | | | | | |
| CALM | | | | | | | | | | | |
| | .7 | 7.1 | 25.2 | 37.0 | 22.8 | 6.2 | .4 | | | | |

TOTAL NUMBER OF OBSERVATI

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403160 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | | 3.0 | 24.4 | 18.0 | 4.3 | | | | | |
| NNE | | .3 | 5.6 | 10.3 | .3 | .2 | | | | | |
| NE | | .7 | 3.9 | 2.7 | | | | | | | |
| ENE | | | 5.5 | 2.5 | | | | | | | |
| E | | 1.4 | 5.2 | 2.9 | .3 | | | | | | |
| ESE | | .2 | .5 | .1 | | | | | | | |
| SE | | .1 | .1 | | | | | | | | |
| SSE | | | | | | | | | | | |
| S | | | | | | | | | | | |
| SSW | | | | | | | | | | | |
| SW | | | | | | | | | | | |
| WSW | | | | | | | | | | | |
| W | | | | | | | | | | | |
| WNW | | | | .1 | | | | | | | |
| NW | | | | | .1 | | | | | | |
| NNW | | | .1 | 1.3 | 2.5 | 1.3 | | | | | |
| VARBL | | | | | .1 | | | | | | |
| CALM | | | | | | | | | | | |
| | .1 | 2.7 | 25.9 | 44.3 | 21.4 | 5.3 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 73-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 5.4 | 18.9 | 15.3 | 2.0 | .1 | | | | | |
| NNE | .4 | 9.4 | 10.8 | 1.4 | .1 | | | | | | |
| NE | .6 | 2.7 | 3.9 | | | | | | | | |
| ENE | .4 | 2.0 | 3.0 | .5 | | | | | | | |
| E | .6 | 4.9 | 4.4 | 2.3 | | | | | | | |
| ESE | | .4 | .4 | | | | | | | | |
| SE | | | | | | | | | | | |
| SSE | .2 | .1 | .1 | | | | | | | | |
| S | .1 | | | | | | | | | | |
| SSW | | | | | | | | | | | |
| SW | | | | .1 | | | | | | | |
| WSW | | .1 | | .1 | | | | | | | |
| W | | | .1 | | | | | | | | |
| WNW | | | | | | | | | | | |
| NW | | .1 | | | | | | | | | |
| NNW | .1 | .6 | 2.1 | 1.4 | .7 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 3.2 | 26.8 | 43.8 | 21.2 | 2.9 | .1 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416J — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 7.5 | 4.5 | 1.4 | .1 | | | | | | |
| NNE | .7 | 5.4 | 1.1 | | | | | | | | |
| NE | .4 | .5 | .2 | | | | | | | | |
| ENE | .1 | .3 | .2 | | | | | | | | |
| E | 1.5 | 3.7 | 3.1 | .2 | | | | | | | |
| ESE | .4 | .6 | .4 | .4 | | | | | | | |
| SE | .2 | .1 | .4 | | | | | | | | |
| SSE | .5 | .2 | | .1 | | | | | | | |
| S | | .2 | | | | | | | | | |
| SSW | .2 | .1 | | | | | | | | | |
| SW | .6 | .1 | | | | | | | | | |
| WSW | 2.4 | 2.5 | | | | | | | | | |
| W | 3.8 | 8.1 | 1.1 | | | | | | | | |
| WNW | 1.3 | 5.2 | 1.1 | | | | | | | | |
| NW | 1.3 | 1.3 | .4 | .1 | | | | | | | |
| NNW | .6 | 3.1 | 3.8 | 1.5 | .1 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 15.1 | 41.4 | 15.3 | 3.8 | .2 | | | | | | |

TOTAL NUMBER OF OBSERVATION

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41160 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 2.5 | 5.2 | 10.2 | 5.9 | 1.5 | .1 | | | | |
| NNE | .3 | 2.3 | 2.8 | 2.3 | .1 | .0 | | | | | |
| NE | .2 | .6 | 1.4 | .6 | .0 | | | | | | |
| ENE | .1 | .7 | 1.8 | .5 | | | | | | | |
| E | .5 | 2.1 | 2.7 | .8 | .0 | | | | | | |
| ESE | .2 | .6 | .6 | .1 | .0 | | | | | | |
| SE | .1 | .2 | .2 | | | | | | | | |
| SSE | .2 | .2 | .1 | .0 | | | | | | | |
| S | .2 | .2 | .2 | .0 | | | | | | | |
| SSW | .1 | .2 | .0 | .0 | | | | | | | |
| SW | .2 | .2 | .0 | .0 | | | | | | | |
| WSW | .6 | 1.2 | .1 | .0 | | | | | | | |
| W | 1.5 | 5.8 | 3.6 | .3 | | | | | | | |
| WNW | .7 | 4.7 | 5.4 | .9 | .0 | | | | | | |
| NW | .3 | 1.8 | 3.1 | 1.3 | .1 | | | | | | |
| NNW | .2 | 1.1 | 3.0 | 3.7 | 1.5 | .4 | | | | | |
| VARBL | | .1 | .0 | | .0 | | | | | | |
| CALM | | | | | | | | | | | |
| | 5.6 | 25.3 | 30.2 | 20.7 | 7.7 | 1.9 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SURFAC**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.5 | 1.0 | .4 | | | | | | | |
| NNE | .6 | .9 | .4 | .1 | | | | | | | |
| NE | .6 | .5 | .3 | | | | | | | | |
| ENE | .9 | 1.4 | .6 | | | | | | | | |
| E | 1.1 | 2.7 | .8 | | | | | | | | |
| ESE | .5 | .9 | .3 | .1 | | | | | | | |
| SE | .5 | .5 | .3 | | | | | | | | |
| SSE | .7 | 1.3 | .5 | | | | | | | | |
| S | .4 | .5 | | | | | | | | | |
| SSW | .1 | .1 | .1 | | | | | | | | |
| SW | .9 | .9 | .1 | .1 | | | | | | | |
| WSW | 2.8 | 3.5 | .4 | | | | | | | | |
| W | 5.2 | 15.8 | 6.7 | | | | | | | | |
| WNW | 1.5 | 8.0 | 3.0 | | | | | | | | |
| NW | .5 | 1.3 | .4 | .8 | | | | | | | |
| NNW | .4 | 2.1 | 1.5 | 1.4 | | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 13.1 | 42.1 | 15.4 | 2.9 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

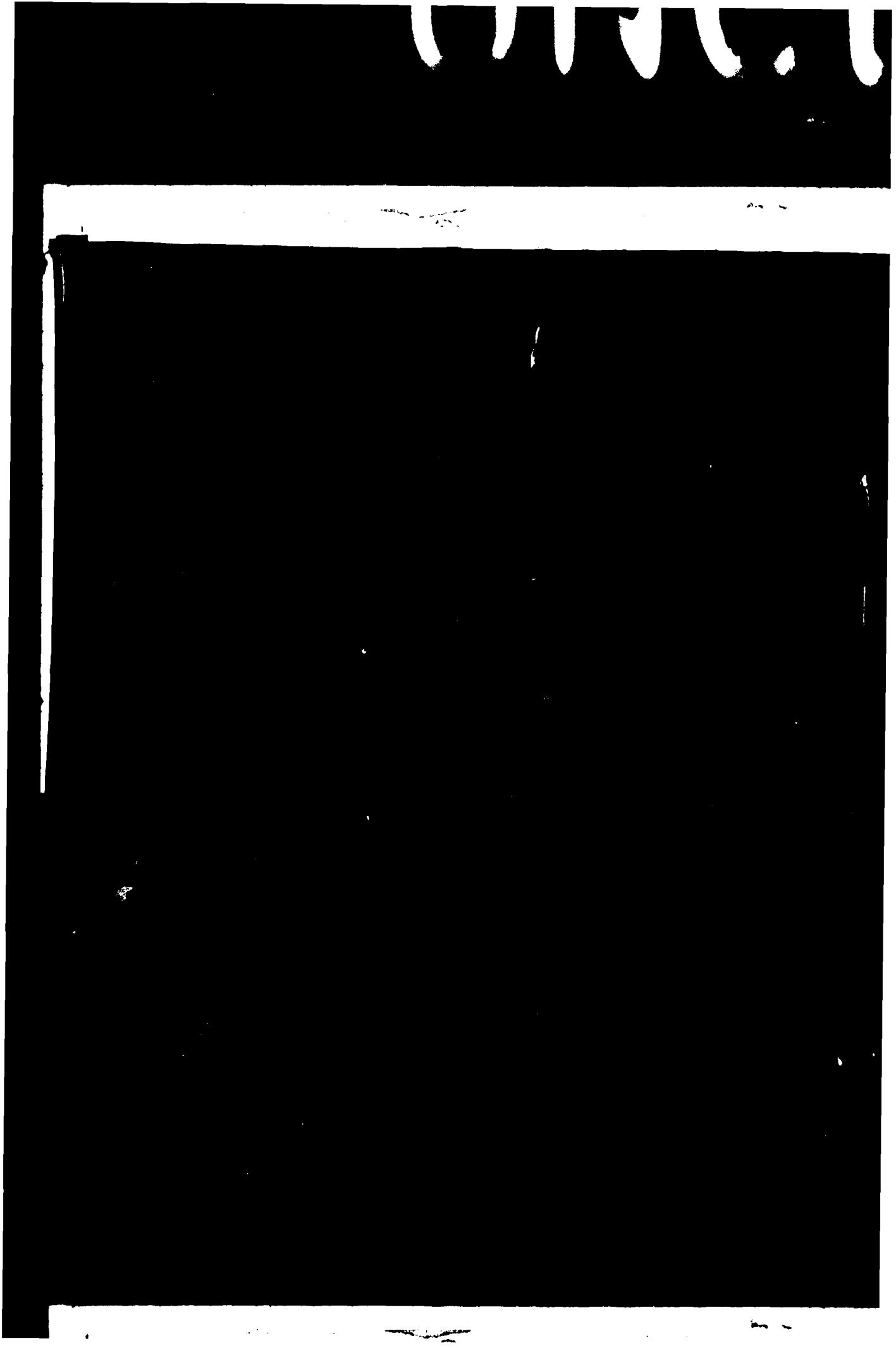
| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.3 | 1.1 | .2 | .1 | | | | | | |
| NNE | .3 | .8 | 1.2 | | | | | | | | |
| NE | .4 | .4 | | | | | | | | | |
| ENE | .1 | .4 | .2 | | | | | | | | |
| E | .2 | 1.2 | .1 | | | | | | | | |
| ESE | .2 | 1.1 | .2 | | | | | | | | |
| SE | .1 | .5 | | | | | | | | | |
| SSE | | .1 | | | | | | | | | |
| S | .2 | .5 | | | | | | | | | |
| SSW | .1 | .2 | | | | | | | | | |
| SW | .2 | .4 | .5 | | | | | | | | |
| WSW | 1.5 | 3.2 | .3 | | | | | | | | |
| W | 4.1 | 15.4 | 8.3 | .1 | | | | | | | |
| WNW | 1.2 | 7.8 | 9.5 | .6 | | | | | | | |
| NW | .3 | 1.2 | 1.2 | .8 | | | | | | | |
| NNW | .2 | .2 | 1.4 | 1.5 | .1 | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 12.3 | 37.8 | 25.1 | 4.2 | .3 | | | | | | |

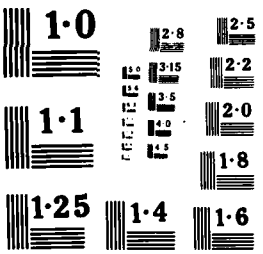
TOTAL NUMBER OF OBSERVATION

AD A159 605 AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85

UNCLASSIFIED USAFETAC/DS-85/013 F/G 4/2 NL

25




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5
2·8
3·15
3·5
4·0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 41415 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.3 | 1.2 | .4 | .3 | | | | | | | 3.8 | 7.0 |
| NNE | .3 | .4 | .3 | | | | | | | | | .9 | 5.3 |
| NE | | .8 | | | | | | | | | | .8 | 5.3 |
| ENE | .4 | .8 | .3 | | | | | | | | | 1.4 | 4.9 |
| E | .5 | .8 | .5 | | | | | | | | | 1.9 | 5.1 |
| ESE | .3 | 1.3 | .4 | .1 | | | | | | | | 2.1 | 5.8 |
| SE | .1 | .4 | .3 | | | | | | | | | .8 | 5.7 |
| SSE | | .9 | .3 | | | | | | | | | 1.2 | 5.3 |
| S | | .4 | .1 | | | | | | | | | .5 | 6.3 |
| SSW | .9 | .8 | .3 | | | | | | | | | 1.9 | 3.9 |
| SW | .4 | .8 | .4 | | | | | | | | | 1.5 | 4.8 |
| WSW | 1.2 | 2.8 | .5 | .1 | | | | | | | | 4.7 | 4.8 |
| W | 3.3 | 12.2 | 8.5 | 1.3 | | | | | | | | 25.1 | 6.1 |
| WNW | 1.3 | 10.3 | 12.9 | 1.2 | | | | | | | | 25.6 | 6.9 |
| NW | .4 | 2.2 | 3.8 | .9 | | | | | | | | 7.3 | 7.5 |
| NNW | .4 | 1.5 | 1.5 | 1.0 | | | | | | | | 4.5 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 10.3 | 37.4 | 31.4 | 4.7 | .3 | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.9 | 5.5 | 5.7 | 2.6 | .2 | | | | | | 17.5 | 11.1 |
| NNE | .4 | .8 | 1.2 | .5 | .1 | | | | | | | 3.0 | 8.2 |
| NE | .2 | .5 | .7 | .1 | | | | | | | | 1.5 | 6.7 |
| ENE | .1 | 1.0 | .5 | .1 | | | | | | | | 1.8 | 6.3 |
| E | .5 | 2.2 | 1.4 | .1 | | | | | | | | 4.3 | 5.9 |
| ESE | .2 | 1.1 | 1.9 | | .1 | | | | | | | 3.4 | 7.5 |
| SE | .2 | .7 | .4 | | | | | | | | | 1.3 | 5.5 |
| SSE | .4 | .5 | .8 | | | | | | | | | 1.7 | 6.6 |
| S | 1.0 | 1.6 | .7 | .1 | | | | | | | | 3.4 | 5.2 |
| SSW | 1.0 | 1.3 | .8 | .1 | | | | | | | | 3.2 | 5.1 |
| SW | .5 | 1.4 | 1.0 | .2 | | | | | | | | 3.1 | 5.3 |
| WSW | .5 | 1.7 | 1.0 | .2 | | | | | | | | 3.4 | 5.9 |
| W | 1.0 | 4.9 | 4.7 | .7 | .2 | | | | | | | 11.5 | 6.9 |
| WNW | .5 | 3.7 | 4.9 | 1.6 | | | | | | | | 10.8 | 7.6 |
| NW | 1.2 | 1.9 | 4.7 | .8 | | | | | | | | 8.6 | 7.4 |
| NNW | .8 | 1.8 | 4.7 | 6.3 | .6 | .4 | | | | | | 14.6 | 10.6 |
| VARBL | .5 | .5 | .1 | | | | | | | | | 1.3 | 4.3 |
| CALM | | | | | | | | | | | | 5.6 | |
| | 9.7 | 23.5 | 35.1 | 16.8 | 3.7 | .5 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.0 | 6.4 | 15.7 | 4.5 | .6 | | | | | | 28.6 | 13.3 |
| NNE | | .7 | 4.2 | 4.1 | .1 | | | | | | | 9.1 | 10.8 |
| NE | .4 | 1.0 | 3.3 | 1.7 | .1 | | | | | | | 5.4 | 9.0 |
| ENE | .5 | 2.4 | 4.9 | 1.2 | | | | | | | | 9.9 | 8.1 |
| E | .5 | 3.7 | 10.3 | 1.3 | | | | | | | | 15.9 | 7.8 |
| ESE | .2 | 3.3 | 3.3 | .4 | | | | | | | | 7.3 | 6.6 |
| SE | | 1.1 | 1.1 | .1 | | | | | | | | 2.3 | 7.1 |
| SSE | .2 | .6 | .7 | | | | | | | | | 1.5 | 6.5 |
| S | .2 | 1.0 | .7 | | | | | | | | | 1.9 | 5.6 |
| SSW | .4 | .7 | | .4 | | | | | | | | 1.4 | 5.9 |
| SW | .2 | .2 | .2 | | | | | | | | | .7 | 5.2 |
| WSW | | .7 | | .1 | | | | | | | | .8 | 6.3 |
| W | .1 | .2 | .8 | .1 | .1 | | | | | | | 1.4 | 9.0 |
| WNW | .2 | .6 | .8 | .1 | | | | | | | | 1.8 | 6.9 |
| NW | .2 | .5 | .8 | .5 | | | | | | | | 2.0 | 7.8 |
| NNW | .1 | .4 | 2.0 | 3.5 | .8 | .4 | | | | | | 7.2 | 12.7 |
| VARBL | .2 | .2 | .1 | | | | | | | | | .6 | 5.0 |
| CALM | | | | | | | | | | | | 2.1 | |
| | 4.1 | 18.2 | 39.8 | 29.1 | 5.7 | 1.0 | | | | | | 100.0 | 9.7 |

TOTAL NUMBER OF OBSERVATIONS 339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .5 | 4.3 | 18.6 | 4.3 | .4 | | | | | | 27.9 | 13.8 |
| NNE | | 1.8 | 7.0 | 9.2 | .6 | | | | | | | 18.6 | 10.8 |
| NE | .1 | 1.1 | 3.7 | 3.8 | .1 | | .1 | | | | | 13.9 | 9.8 |
| ENE | .1 | 2.2 | 3.5 | 2.8 | .1 | | | | | | | 13.8 | 8.8 |
| E | | 4.3 | 9.0 | 3.4 | .1 | | | | | | | 16.8 | 8.6 |
| ESE | .1 | 1.3 | 2.5 | .6 | | | | | | | | 4.5 | 7.9 |
| SE | .1 | .4 | .6 | .1 | | | | | | | | 1.2 | 7.6 |
| SSE | | | .2 | | | | | | | | | .2 | 9.0 |
| S | | .1 | .4 | .2 | | | | | | | | .7 | 9.7 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | .1 | | | | | | | | .1 | 15.0 |
| W | | | | | | | | | | | | | |
| WNW | | | .1 | | | | | | | | | .1 | 8.0 |
| NW | | | | .1 | | | | | | | | .1 | 15.0 |
| NNW | | | | 1.1 | .5 | | | | | | | 1.6 | 15.0 |
| VARBL | | .1 | | | | | | | | | | .1 | 6.0 |
| CALM | | | | | | | | | | | | .4 | |
| | .5 | 11.7 | 41.3 | 40.1 | 5.7 | .4 | .1 | | | | | 100.0 | 10.7 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1900-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 5.3 | 11.9 | 4.2 | .4 | | | | | | | 23.9 | 8.3 |
| NNE | 1.4 | 10.3 | 9.2 | 1.0 | | | | | | | | 21.9 | 6.6 |
| NE | 1.2 | 4.2 | 4.7 | .5 | | | | | | | | 10.6 | 6.6 |
| ENE | 1.1 | 5.3 | 4.7 | 1.0 | | | | | | | | 12.1 | 6.7 |
| E | 1.6 | 9.2 | 7.5 | 1.0 | | | | | | | | 19.3 | 6.7 |
| ESE | .5 | .5 | .7 | .1 | | | | | | | | 1.8 | 6.5 |
| SE | | .1 | | | | | | | | | | .1 | 6.0 |
| SSE | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| S | .1 | | | | | | | | | | | .1 | 3.0 |
| SSW | | | | | | | | | | | | | |
| SW | .1 | | | | | | | | | | | .1 | 3.0 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .2 | | .1 | | | | | | | | | .4 | 4.3 |
| WNW | | .2 | | | | | | | | | | .2 | 4.5 |
| NW | | .2 | .1 | | | | | | | | | .4 | 5.0 |
| NNW | .2 | 1.4 | 1.4 | 1.0 | .2 | | | | | | | 4.2 | 8.6 |
| VARBL | .1 | | | | | | | | | | | .1 | 3.0 |
| CALM | | | | | | | | | | | | 5.4 | |
| | 7.5 | 37.3 | 40.5 | 8.7 | .6 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 41415D | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 7.0 | 2.6 | .9 | | | | | | | | 13.5 | 5.6 |
| NNE | 3.0 | 4.5 | .1 | | | | | | | | | 7.7 | 4.1 |
| NE | .6 | 1.9 | .8 | .1 | | | | | | | | 3.4 | 5.4 |
| ENE | 1.1 | 2.5 | 1.8 | .1 | | | | | | | | 5.5 | 5.9 |
| E | 2.1 | 6.2 | 2.5 | .5 | | | | | | | | 11.3 | 5.6 |
| ESE | 1.5 | 2.6 | .5 | .3 | | | | | | | | 5.0 | 5.0 |
| SE | .6 | .8 | .1 | | | | | | | | | 1.5 | 4.5 |
| SSE | .5 | | | | | | | | | | | .5 | 2.8 |
| S | .8 | .4 | | | | | | | | | | 1.1 | 3.0 |
| SSW | .4 | .4 | | | | | | | | | | .9 | 3.5 |
| SW | .5 | .4 | | | | | | | | | | 1.0 | 3.6 |
| WSW | 1.4 | 2.6 | .1 | | | | | | | | | 4.2 | 4.0 |
| W | 2.9 | 4.5 | .6 | | | | | | | | | 7.9 | 4.2 |
| WNW | .6 | 1.9 | .5 | .1 | | | | | | | | 3.1 | 5.1 |
| NW | .5 | .5 | .8 | .4 | | | | | | | | 2.3 | 6.8 |
| NNW | 1.0 | 1.4 | 2.0 | .9 | | | | | | | | 5.3 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 20.5 | 37.7 | 12.6 | 3.3 | | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.3 | 4.3 | 6.0 | 1.6 | .2 | | | | | | 15.7 | 10.7 |
| NNE | .8 | 2.5 | 3.0 | 1.9 | .1 | | | | | | | 8.3 | 8.1 |
| NE | .4 | 1.3 | 2.4 | .8 | .0 | | .0 | | | | | 4.9 | 7.9 |
| ENE | .5 | 2.0 | 2.3 | .7 | .0 | | | | | | | 6.0 | 7.3 |
| E | .9 | 3.6 | 4.1 | .8 | .0 | | | | | | | 9.4 | 7.0 |
| ESE | .5 | 1.5 | 1.3 | .2 | .0 | | | | | | | 3.6 | 6.3 |
| SE | .2 | .5 | .3 | .0 | | | | | | | | 1.2 | 5.8 |
| SSE | .2 | .4 | .3 | | | | | | | | | .9 | 5.8 |
| S | .4 | .6 | .2 | .0 | | | | | | | | 1.2 | 5.1 |
| SSW | .4 | .5 | .2 | .1 | | | | | | | | 1.0 | 4.8 |
| SW | .4 | .5 | .3 | .0 | | | | | | | | 1.2 | 5.3 |
| WSW | .9 | 1.9 | .3 | .1 | | | | | | | | 3.1 | 4.6 |
| W | 2.0 | 6.6 | 3.7 | .2 | .0 | | | | | | | 12.7 | 5.7 |
| WNW | .3 | 4.0 | 3.9 | .4 | | | | | | | | 9.1 | 6.6 |
| NW | .4 | 1.1 | 1.5 | .5 | | | | | | | | 3.5 | 7.4 |
| NNW | .4 | 1.2 | 1.8 | 2.1 | .3 | .1 | | | | | | 5.9 | 9.9 |
| VARBL | .1 | .1 | .0 | | | | | | | | | .3 | 4.5 |
| CALM | | | | | | | | | | | | 11.5 | |
| | 10.2 | 31.1 | 33.5 | 14.0 | 2.1 | .2 | .0 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 6409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41156 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.6 | 1.3 | 1.1 | | | | | | | | 5.5 | 6.7 |
| NNE | .7 | 1.4 | .5 | | | | | | | | | 2.6 | 4.7 |
| NE | .7 | .3 | .3 | | .1 | | | | | | | 1.6 | 5.4 |
| ENE | | .7 | | | | | | | | | | .7 | 4.6 |
| E | .3 | 3.6 | .1 | | .3 | | | | | | | 4.2 | 5.7 |
| ESE | .5 | 2.2 | .3 | | | | | | | | | 3.0 | 5.0 |
| SE | 1.2 | 1.3 | .3 | | | | | | | | | 2.6 | 4.3 |
| SSE | 1.1 | 1.9 | .3 | | | | | | | | | 3.2 | 4.7 |
| S | 1.6 | .8 | | | | | | | | | | 2.4 | 3.3 |
| SSW | .4 | .3 | .4 | .1 | | | | | | | | 1.2 | 5.6 |
| SW | .4 | 1.2 | .1 | | | | | | | | | 1.7 | 4.3 |
| WSW | 1.8 | 2.9 | .3 | | | | | | | | | 5.0 | 4.1 |
| W | 4.3 | 15.0 | 2.8 | .1 | | | | | | | | 22.2 | 4.8 |
| WNW | 1.2 | 8.6 | 4.5 | .3 | | | | | | | | 14.5 | 6.0 |
| NW | 1.7 | 2.0 | 2.0 | 1.4 | .1 | | | | | | | 7.2 | 7.3 |
| NNW | .3 | 1.3 | 1.3 | .5 | | | | | | | | 3.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 16.6 | 45.4 | 14.9 | 3.6 | .5 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0100-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.3 | 1.9 | .5 | .1 | | | | | | | 4.3 | 7.2 |
| NNE | .4 | 1.4 | .5 | | | | | | | | | 2.3 | 4.9 |
| NE | .1 | .4 | | | | | | | | | | .5 | 4.0 |
| ENE | .2 | .4 | .1 | | | | | | | | | .8 | 4.3 |
| E | .4 | .4 | .1 | | .1 | | | | | | | 1.0 | 6.0 |
| ESE | .5 | .2 | .3 | .1 | | | | | | | | 1.1 | 4.5 |
| SE | .2 | .6 | .1 | | | | | | | | | 1.0 | 3.8 |
| SSE | .4 | .2 | | | | | | | | | | 1.0 | 4.5 |
| S | 1.0 | 1.5 | .3 | | .1 | | | | | | | 2.9 | 5.1 |
| SSW | .8 | 1.0 | .5 | | | | | | | | | 2.3 | 4.5 |
| SW | .2 | 1.0 | | | | | | | | | | 1.3 | 4.4 |
| WSW | .8 | 2.2 | .5 | | | | | | | | | 4.2 | 4.7 |
| W | 3.5 | 15.6 | 7.3 | .1 | | | | | | | | 26.6 | 5.4 |
| WNW | 2.8 | 9.5 | 3.7 | 1.1 | | | | | | | | 22.1 | 6.4 |
| NW | .9 | 2.1 | 2.5 | 1.3 | .1 | | | | | | | 7.4 | 8.2 |
| NNW | .3 | 1.9 | 2.1 | .9 | .1 | | | | | | | 5.3 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 13.7 | 42.2 | 28.9 | 4.7 | .6 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | OCT |

CLASS: ALL WEATHER

HOURS (L.S.T.): 0400-0800

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.6 | 1.5 | .7 | .2 | | | | | | | 5.1 | 7.3 |
| NNE | .4 | .7 | 1.1 | .1 | .1 | | | | | | | 2.5 | 7.5 |
| NE | | .2 | .4 | .1 | | | | | | | | .7 | 6.7 |
| ENE | .2 | .1 | | | | | | | | | | .4 | 3.3 |
| E | .4 | .7 | | | | | | | | | | 1.1 | 4.2 |
| ESE | .2 | .1 | .1 | .1 | | | | | | | | .5 | 5.6 |
| SE | .2 | .4 | .2 | .1 | | | | | | | | 1.0 | 5.9 |
| SSE | .2 | .1 | .1 | | | | | | | | | .5 | 4.3 |
| S | .5 | .6 | .4 | | | | | | | | | 1.5 | 4.8 |
| SSW | .5 | 1.2 | .5 | | | | | | | | | 2.4 | 5.3 |
| SW | .7 | 1.7 | .4 | | | | | | | | | 2.9 | 4.7 |
| WSW | 2.0 | 3.2 | .2 | | | | | | | | | 5.5 | 4.2 |
| W | 4.2 | 12.8 | 5.9 | .2 | | | | | | | | 24.2 | 5.6 |
| WNW | 1.7 | 10.3 | 12.2 | 2.6 | .1 | | | | | | | 26.9 | 7.2 |
| NW | .7 | 2.9 | 2.7 | 1.6 | .2 | | | | | | | 7.2 | 7.8 |
| NNW | .5 | 1.4 | 1.1 | 1.4 | | | | | | | | 4.5 | 8.0 |
| VARBL | | .1 | | | | | | | | | | .1 | 4.3 |
| CALM | | | | | | | | | | | | 10.7 | |
| | 13.8 | 39.3 | 28.2 | 7.1 | .7 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 41150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 73-84 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER — CLASS

0300-1100 — HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 2.0 | 3.9 | 4.2 | 1.4 | .1 | | | | | | 11.9 | 11.1 |
| NNE | .5 | .9 | 1.3 | 1.3 | .1 | | | | | | | 4.1 | 8.9 |
| NE | .2 | .5 | .6 | .7 | | | | | | | | 2.0 | 8.8 |
| ENE | .2 | .7 | .7 | .9 | | | | | | | | 2.5 | 8.4 |
| E | | 1.4 | .4 | .1 | | | | | | | | 1.9 | 5.4 |
| ESE | .1 | .7 | .9 | .1 | | | | | | | | 1.7 | 5.7 |
| SE | | .2 | .4 | .4 | | | | | | | | .9 | 6.8 |
| SSE | .4 | 1.1 | 1.6 | .1 | | | | | | | | 3.2 | 5.8 |
| S | .2 | 2.8 | 2.1 | .2 | | | | | | | | 5.4 | 6.7 |
| SSW | .4 | 1.4 | 2.6 | .2 | | | | | | | | 4.6 | 6.9 |
| SW | .5 | 1.5 | .9 | .5 | | | | | | | | 3.4 | 6.7 |
| WSW | 1.5 | 3.1 | .9 | .4 | | | | | | | | 5.9 | 5.5 |
| W | 1.6 | 6.2 | 3.8 | .6 | | | | | | | | 12.2 | 6.0 |
| WNW | .9 | 6.3 | 6.2 | 2.0 | .1 | | | | | | | 15.5 | 7.4 |
| NW | .5 | 3.4 | 3.8 | 3.2 | .1 | | | | | | | 10.9 | 8.8 |
| NNW | .7 | 2.6 | 2.1 | 1.8 | .8 | .1 | | | | | | 8.1 | 9.3 |
| VARBL | .6 | .2 | | | | | | | | | | .8 | 3.3 |
| CALM | | | | | | | | | | | | 4.7 | |
| | 8.5 | 35.1 | 32.0 | 16.7 | 2.6 | .2 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41151 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
1100-1400 — HOURS (L S T)
CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.1 | 5.6 | 9.1 | 4.4 | .7 | | | | | | 22.7 | 12.4 |
| NNE | .3 | 2.0 | 4.3 | 2.9 | .2 | | | | | | | 10.0 | 9.1 |
| NE | .1 | 1.3 | 2.3 | 1.4 | | | | | | | | 5.7 | 8.8 |
| ENE | | 1.7 | 3.9 | 1.3 | | | | | | | | 7.. | 8.5 |
| E | .1 | 4.9 | 7.1 | .8 | .1 | | | | | | | 13.4 | 7.1 |
| ESE | .3 | 1.5 | 3.5 | .5 | .1 | | | | | | | 5.2 | 7.6 |
| SE | .3 | .7 | 1.9 | .2 | | | | | | | | 3.1 | 7.4 |
| SSE | .2 | .7 | 1.9 | .1 | | | | | | | | 2.9 | 7.1 |
| S | .3 | 1.7 | 1.2 | .3 | | | | | | | | 3.5 | 6.5 |
| SSW | .3 | .7 | 1.4 | .1 | | | | | | | | 2.5 | 6.8 |
| SW | .3 | .1 | 1.2 | .2 | .1 | | | | | | | 1.7 | 9.2 |
| WSW | .3 | .7 | .3 | .1 | | | | | | | | 1.9 | 5.5 |
| W | .3 | .5 | .3 | | .1 | | | | | | | 1.2 | 6.7 |
| WNW | .5 | 1.2 | 1.2 | .5 | .1 | | | | | | | 3.4 | 7.6 |
| NW | .3 | 1.0 | .5 | 1.3 | | | | | | | | 3.3 | 8.5 |
| NNW | .3 | 1.4 | 2.3 | 2.3 | .6 | | | | | | | 6.5 | 10.6 |
| VARBL | .5 | .9 | .2 | | | | | | | | | 1.7 | 4.4 |
| CALM | | | | | | | | | | | | .3 | |
| | 5.0 | 23.2 | 40.3 | 21.1 | 5.8 | .7 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 351

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
00-2200 — HOURS (L S T)

CONDITION

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.2 | .3 | .1 | | | | | | | | 2.6 | 5.6 |
| NNE | .5 | .6 | .1 | | | | | | | | | 1.2 | 4.2 |
| NE | .5 | .2 | | | | | | | | | | .7 | 3.2 |
| ENE | | | .4 | | | | | | | | | .4 | 5.3 |
| E | .7 | 2.2 | .5 | .1 | | | | | | | | 3.5 | 5.1 |
| ESE | 1.3 | 2.3 | .4 | | | | | | | | | 3.7 | 4.4 |
| SE | 1.2 | 1.9 | 1.0 | | | | | | | | | 4.1 | 4.8 |
| SSE | .7 | 3.5 | 2.3 | .5 | | | | | | | | 7.0 | 6.3 |
| S | .4 | 1.3 | 1.3 | .5 | | | | | | | | 3.4 | 7.3 |
| SSW | .3 | .5 | .4 | | | | | | | | | 1.1 | 5.6 |
| SW | | .6 | .2 | | .1 | | | | | | | 1.0 | 7.3 |
| WSW | .4 | 1.3 | .1 | | | | | | | | | 1.8 | 4.3 |
| W | 2.2 | 4.5 | 5.2 | .4 | | | | | | | | 12.2 | 5.4 |
| WNW | 1.4 | 5.7 | 9.4 | 2.9 | .4 | .2 | | | | | | 21.0 | 7.4 |
| NW | | 4.6 | 7.7 | 4.2 | .5 | | | | | | | 16.3 | 9.1 |
| NNW | | .6 | 3.5 | .5 | | | | | | | | 4.6 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 10.4 | 31.5 | 32.2 | 9.1 | 1.1 | .2 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 833

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 2.3 | 3.6 | 4.5 | 1.2 | .1 | | | | | | 12.0 | 10.3 |
| NNE | .8 | 2.0 | 1.7 | 1.0 | .1 | | | | | | | 5.7 | 7.2 |
| NE | .5 | 1.7 | 1.3 | .3 | .1 | | | | | | | 3.9 | 7.0 |
| ENE | .2 | 1.3 | 1.1 | .2 | .0 | | | | | | | 2.9 | 6.6 |
| E | .8 | 2.9 | 2.5 | .2 | .0 | | | | | | | 6.5 | 5.8 |
| ESE | .4 | 2.3 | 1.5 | .4 | .0 | | | | | | | 4.5 | 5.5 |
| SE | .4 | 1.2 | 1.4 | .3 | | | | | | | | 3.3 | 5.5 |
| SSE | .2 | 1.0 | 1.1 | .3 | .0 | | | | | | | 2.6 | 7.2 |
| S | .4 | 1.2 | 1.0 | .5 | .0 | | | | | | | 3.1 | 7.3 |
| SSW | .2 | 1.0 | .7 | .1 | | | | | | | | 2.0 | 6.5 |
| SW | .3 | .7 | .3 | | | | | | | | | 1.3 | 5.0 |
| WSW | .3 | 1.2 | .2 | .0 | | | | | | | | 1.8 | 4.5 |
| W | 1.8 | 4.4 | 2.0 | .5 | .0 | | | | | | | 8.7 | 5.7 |
| WNW | .8 | 4.4 | 5.7 | 2.3 | .2 | | | | | | | 13.4 | 7.4 |
| NW | .5 | 2.4 | 4.7 | 2.2 | .3 | | .0 | | | | | 10.1 | 8.7 |
| NNW | .2 | 2.1 | 2.6 | 2.3 | .4 | | | | | | | 7.7 | 9.2 |
| VARBL | | .1 | .0 | | | | | | | | | .1 | 5.7 |
| CALM | | | | | | | | | | | | 5.4 | |
| | 9.3 | 32.3 | 31.4 | 15.0 | 2.6 | .1 | .0 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 5454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1100-2200 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 4.1 | 2.3 | .4 | .5 | | | | | | | 9.3 | 6.3 |
| NNE | 1.9 | 2.5 | .5 | | | | | | | | | 5.0 | 4.3 |
| NE | .5 | 1.9 | .2 | | | | | | | | | 2.6 | 4.7 |
| ENE | .5 | 1.2 | .1 | | .1 | | | | | | | 1.9 | 5.2 |
| E | 1.5 | 4.3 | 3.4 | .5 | | | | | | | | 9.3 | 5.3 |
| ESE | .5 | 3.9 | 2.2 | .8 | .4 | | | | | | | 7.8 | 7.1 |
| SE | .5 | 1.5 | 1.6 | .5 | | | | | | | | 4.3 | 6.8 |
| SSE | .4 | .7 | .8 | .1 | | | | | | | | 2.1 | 6.5 |
| S | .1 | .2 | .6 | .1 | | | | | | | | 1.1 | 7.6 |
| SSW | | .2 | .1 | | | | | | | | | .4 | 6.3 |
| SW | .1 | .1 | .1 | | | | | | | | | .4 | 5.3 |
| WSW | .1 | .4 | | | | | | | | | | .5 | 3.5 |
| W | 1.5 | 3.6 | 1.2 | .2 | | | | | | | | 6.5 | 5.4 |
| WNW | 1.5 | 5.4 | 3.3 | 1.5 | | | | | | | | 11.6 | 6.5 |
| NW | .9 | 4.4 | 4.7 | 1.5 | | | | | | | | 11.4 | 7.3 |
| NNW | 1.3 | 4.4 | 3.3 | .5 | | | | | | | | 9.1 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 13.1 | 33.5 | 24.5 | 6.1 | 1.3 | | | | | | | 100.2 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 40416 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-2000
HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 7.5 | 7.8 | 2.4 | 1.0 | | | | | | | 20.0 | 7.7 |
| NNE | 2.3 | 5.3 | 2.5 | | | | | | | | | 11.1 | 4.9 |
| NE | 1.4 | 3.8 | 2.0 | .3 | .3 | | | | | | | 7.7 | 5.9 |
| ENE | .8 | 3.8 | 1.9 | .3 | | | | | | | | 6.7 | 5.9 |
| E | 2.5 | 6.2 | 4.8 | .6 | .1 | | | | | | | 14.3 | 6.2 |
| ESE | .8 | 3.3 | 1.8 | .9 | | | | | | | | 6.7 | 6.6 |
| SE | .9 | 1.0 | .4 | | | | | | | | | 2.3 | 4.7 |
| SSE | .4 | .9 | .3 | | | | | | | | | 1.6 | 5.3 |
| S | | .3 | .1 | | | | | | | | | .4 | 7.0 |
| SSW | | .1 | | | | | | | | | | .1 | 4.0 |
| SW | | .1 | | | | | | | | | | .1 | 5.0 |
| WSW | .1 | .3 | | | | | | | | | | .4 | 3.7 |
| W | | | | | | | | | | | | | |
| WNW | .1 | .5 | .9 | .6 | | | | | | | | 2.2 | 6.8 |
| NW | .3 | 1.8 | 4.7 | 1.4 | | | | | | | | 8.1 | 8.3 |
| NNW | .4 | 4.5 | 5.6 | 1.6 | | | | | | | | 13.2 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 11.1 | 40.4 | 33.8 | 8.1 | 1.4 | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 434150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1130-1730
HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.2 | 5.3 | 15.5 | 2.9 | | | | | | | 25.2 | 12.3 |
| NNE | .1 | 2.3 | 5.1 | 3.1 | .1 | | | | | | | 11.6 | 9.3 |
| NE | .1 | 2.4 | 3.7 | 1.1 | .4 | | | | | | | 7.7 | 8.2 |
| ENE | .2 | 3.3 | 3.5 | .7 | | | | | | | | 7.7 | 7.3 |
| E | .7 | 4.5 | 7.8 | .4 | | | | | | | | 13.4 | 6.9 |
| ESE | .2 | 3.1 | 3.4 | .1 | | | | | | | | 6.9 | 6.3 |
| SE | .5 | 1.3 | 3.5 | .5 | | | | | | | | 5.8 | 7.6 |
| SSE | .1 | 1.3 | 1.2 | .2 | | | | | | | | 2.5 | 6.9 |
| S | .1 | 1.2 | .7 | .4 | | | | | | | | 2.4 | 7.4 |
| SSW | | .1 | .2 | | | | | | | | | .4 | 8.3 |
| SW | | .1 | | | | | | | | | | .1 | 6.3 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .2 | | | | | | | | | | .5 | 3.8 |
| WNW | | .2 | | .6 | | | | | | | | .8 | 11.0 |
| NW | .2 | .4 | 1.2 | 1.2 | .1 | | | | | | | 3.1 | 9.5 |
| NNW | | .7 | 1.9 | 5.3 | .5 | | | | | | | 8.4 | 11.8 |
| VARBL | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| CALM | | | | | | | | | | | | .2 | |
| | 2.9 | 21.9 | 41.8 | 29.2 | 4.3 | | | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41415 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 2.9 | 5.4 | 11.2 | 2.7 | .1 | | | | | | 22.7 | 11.9 |
| NNE | .2 | 1.8 | 2.8 | 2.9 | .4 | | | | | | | 8.2 | 9.8 |
| NE | .1 | .9 | 2.1 | 1.2 | .2 | | | | | | | 4.5 | 9.2 |
| ENE | | 1.2 | 2.2 | .2 | | | | | | | | 3.7 | 7.7 |
| E | .1 | 4.2 | 2.1 | .1 | | | | | | | | 6.5 | 6.2 |
| ESE | .4 | 2.8 | 1.8 | .2 | | | | | | | | 5.3 | 5.2 |
| SE | .1 | 1.2 | 2.8 | .5 | | | | | | | | 4.6 | 7.9 |
| SSE | .1 | 1.6 | 2.7 | 1.0 | .4 | | | | | | | 5.7 | 8.9 |
| S | .2 | 1.3 | 2.5 | .7 | .1 | | | | | | | 5.8 | 8.4 |
| SSW | .1 | 1.0 | 1.0 | .1 | | | | | | | | 2.2 | 6.8 |
| SW | .1 | .9 | .4 | | | | | | | | | 1.3 | 5.3 |
| WSW | | .6 | .9 | | | | | | | | | 1.5 | 6.5 |
| W | .7 | .6 | 1.0 | .1 | | | | | | | | 2.4 | 6.1 |
| WNW | .4 | 1.5 | .9 | .7 | .1 | | | | | | | 3.5 | 7.9 |
| NW | .2 | 2.1 | 3.9 | 1.3 | .2 | | .1 | | | | | 7.9 | 9.1 |
| NNW | .2 | 2.0 | 2.4 | 5.0 | 1.3 | | | | | | | 12.0 | 11.3 |
| VARBL | | .4 | | | | | | | | | | .4 | 5.0 |
| CALM | | | | | | | | | | | | 2.4 | |
| | 3.5 | 26.9 | 38.8 | 26.5 | 5.5 | .1 | .1 | | | | | 100.5 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 518

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 2.0 | 1.8 | 3.9 | 1.9 | .2 | | | | | | 10.0 | 12.2 |
| NNE | .2 | 1.8 | 1.1 | 1.1 | .4 | | | | | | | 4.5 | 8.6 |
| NE | .2 | .9 | 1.1 | | | | | | | | | 2.3 | 6.3 |
| ENE | | .6 | .5 | .1 | | | | | | | | 1.2 | 7.5 |
| E | .1 | 1.5 | .5 | | | | | | | | | 2.3 | 5.6 |
| ESE | | .9 | .5 | .1 | | | | | | | | 1.5 | 6.8 |
| SE | .1 | .5 | .1 | .2 | | | | | | | | .9 | 6.8 |
| SSE | .5 | 1.3 | 1.1 | .1 | | | | | | | | 3.0 | 6.1 |
| S | .3 | 3.4 | 2.4 | 2.5 | .2 | | | | | | | 8.4 | 8.0 |
| SSW | 1.2 | 2.0 | 1.1 | .4 | | | | | | | | 4.6 | 5.7 |
| SW | .7 | 1.1 | .8 | | | | | | | | | 2.6 | 5.0 |
| WSW | 1.4 | 2.3 | .5 | | | | | | | | | 4.1 | 4.5 |
| W | 1.8 | 3.7 | 1.9 | .9 | .1 | | | | | | | 8.4 | 6.2 |
| WNW | .4 | 4.1 | 9.0 | 4.6 | .5 | | | | | | | 18.6 | 9.0 |
| NW | .2 | 2.3 | 7.0 | 5.2 | .9 | | | | | | | 15.6 | 10.0 |
| NNW | .1 | .9 | 2.3 | 2.7 | .6 | | | | | | | 6.6 | 10.8 |
| VARBL | | .1 | | | | | | | | | | .1 | 6.0 |
| CALM | | | | | | | | | | | | 4.3 | |
| | 7.9 | 29.5 | 31.5 | 21.9 | 4.6 | .2 | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

403150 (STATION) | AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) | 75-84 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 1.8 | .9 | .6 | .1 | | | | | | | 4.3 | 6.8 |
| NNE | .5 | | .3 | .4 | | | | | | | | 1.1 | 5.0 |
| NE | .6 | .1 | .1 | | | | | | | | | .9 | 4.0 |
| ENE | | .1 | .1 | | .1 | | | | | | | .4 | 10.7 |
| E | | .5 | .3 | .1 | | | | | | | | .9 | 7.6 |
| ESE | .1 | .4 | | | | | | | | | | .5 | 4.8 |
| SE | .1 | .1 | .4 | | | | | | | | | .6 | 6.6 |
| SSE | | .6 | .5 | .1 | | | | | | | | 1.4 | 7.2 |
| S | 1.0 | .9 | .5 | | | | | | | | | 2.5 | 4.8 |
| SSW | .5 | 2.3 | 1.1 | .1 | | | | | | | | 4.2 | 5.5 |
| SW | .9 | 1.3 | .5 | | | | | | | | | 2.8 | 4.9 |
| WSW | 1.9 | 2.3 | .1 | .1 | | | | | | | | 4.4 | 4.1 |
| W | 9.2 | 9.3 | 5.5 | 1.3 | .1 | | | | | | | 20.2 | 5.8 |
| WNW | 1.0 | 9.0 | 13.2 | 5.1 | .4 | | | | | | | 28.6 | 8.1 |
| NW | .8 | 2.0 | 5.7 | 2.7 | .8 | | | | | | | 11.9 | 9.4 |
| NNW | .1 | .6 | 1.1 | .6 | .3 | | | | | | | 2.8 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 12.9 | 31.3 | 30.9 | 10.9 | 1.8 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 789

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 40415 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.8 | .9 | 1.0 | .1 | | | | | | | 5.1 | 6.8 |
| NNE | .5 | .5 | .1 | | .1 | | | | | | | 1.4 | 5.3 |
| NE | .4 | .4 | .4 | .1 | .1 | | | | | | | 1.4 | 6.7 |
| ENE | .1 | .3 | .1 | | | | | | | | | .5 | 5.3 |
| E | .3 | .4 | | .1 | .1 | | | | | | | .9 | 7.7 |
| ESE | .3 | .8 | .5 | | | | | | | | | 1.6 | 5.3 |
| SE | .1 | 1.6 | .9 | .1 | | | | | | | | 2.7 | 6.8 |
| SSE | | .9 | .4 | .3 | | | | | | | | 1.4 | 7.0 |
| S | .4 | .9 | .3 | | | | | | | | | 1.6 | 4.9 |
| SSW | .4 | 1.0 | 1.2 | | | | | | | | | 2.6 | 6.3 |
| SW | .9 | 1.2 | .3 | | | | | | | | | 2.3 | 4.4 |
| WSW | .5 | 2.3 | .1 | | | | | | | | | 3.0 | 4.3 |
| W | 3.5 | 10.5 | 3.9 | 1.4 | .1 | | | | | | | 19.4 | 5.9 |
| WNW | 1.9 | 5.5 | 12.2 | 3.5 | .3 | | | | | | | 24.2 | 7.8 |
| NW | .9 | 2.6 | 4.7 | 2.6 | .4 | | | | | | | 11.1 | 5.6 |
| NNW | .5 | 1.7 | 1.6 | .5 | | | | | | | | 4.4 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 11.9 | 33.3 | 27.5 | 9.7 | 1.3 | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.3 | .9 | .4 | .1 | .1 | | | | | | 3.6 | 7.3 |
| NNE | .9 | 1.1 | .1 | | | | | | | | | 2.2 | 3.6 |
| NE | .3 | .3 | .4 | | | | | | | | | .9 | 5.7 |
| ENE | | .3 | .5 | | | | | | | | | .8 | 7.0 |
| E | 1.3 | 1.7 | .9 | | | | | | | | | 3.9 | 4.8 |
| ESE | .8 | 2.8 | 1.5 | .5 | | | | | | | | 5.7 | 6.1 |
| SE | .3 | 2.7 | 1.1 | .5 | | | | | | | | 5.1 | 5.9 |
| SSE | .4 | 1.0 | 1.8 | .3 | | | | | | | | 3.4 | 7.0 |
| S | .3 | 1.4 | .5 | .1 | | | | | | | | 2.4 | 5.7 |
| SSW | .3 | 1.0 | .5 | | | | | | | | | 1.8 | 6.0 |
| SW | | .8 | .3 | | | | | | | | | 1.0 | 5.9 |
| WSW | .3 | 1.4 | .1 | | | | | | | | | 1.8 | 4.2 |
| W | 2.7 | 7.9 | 2.4 | .3 | | | | | | | | 13.2 | 5.3 |
| WNW | 1.7 | 7.9 | 7.0 | 2.0 | .4 | | | | | | | 19.0 | 7.0 |
| NW | .6 | 3.8 | 5.7 | 1.3 | .1 | | | | | | | 11.6 | 7.5 |
| NNW | .1 | 1.8 | 1.9 | .6 | .1 | | | | | | | 4.6 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 11.6 | 37.1 | 25.1 | 6.1 | .8 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 3.2 | 4.4 | 4.5 | 1.5 | .2 | | | | | | 14.6 | 10. |
| NNE | .5 | 2.8 | 3.5 | 1.5 | .1 | | | | | | | 8.5 | 7. |
| NE | .3 | 1.6 | 2.1 | .6 | .0 | | | | | | | 4.6 | 7. |
| ENE | .4 | 1.6 | 2.0 | .6 | .0 | | | | | | | 4.6 | 7. |
| E | .7 | 3.6 | 3.4 | .7 | .1 | | | | | | | 8.4 | 6. |
| ESE | .5 | 1.4 | 1.3 | .3 | .0 | | | | | | | 3.6 | 6. |
| SE | .5 | .8 | .9 | .2 | | | | | | | | 2.3 | 6. |
| SSE | .4 | .9 | .7 | .0 | | | | | | | | 2.0 | 5. |
| S | .5 | 1.1 | .5 | .1 | .0 | | | | | | | 2.3 | 5. |
| SSW | .4 | .6 | .7 | .1 | | | | | | | | 1.8 | 6. |
| SW | .3 | .7 | .3 | .1 | .0 | | | | | | | 1.5 | 5. |
| WSW | .9 | 1.7 | .3 | .1 | | | | | | | | 3.0 | 4. |
| W | 1.9 | 5.6 | 2.6 | .2 | .0 | | | | | | | 11.3 | 5. |
| WNW | 1.0 | 4.6 | 4.1 | .9 | .1 | | | | | | | 10.6 | 6. |
| NW | .5 | 1.9 | 1.7 | 1.3 | .1 | | | | | | | 5.4 | 7. |
| NNW | .4 | 1.7 | 2.1 | 1.4 | .3 | .0 | | | | | | 5.9 | 9. |
| VARBL | .2 | .2 | .0 | .0 | | | | | | | | .4 | 4. |
| CALM | | | | | | | | | | | | 9.0 | |
| | 10.2 | 35.0 | 31. | 12.3 | 2.3 | .2 | | | | | | 100.0 | 6. |

TOTAL NUMBER OF OBSERVATIONS 655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 7.3 | 4.3 | .7 | .1 | | | | | | | 14.8 | 5. |
| NNE | 1.3 | 5.9 | 1.7 | .1 | | | | | | | | 9.7 | 5. |
| NE | 1.1 | 2.4 | .1 | | | | | | | | | 3.7 | 4. |
| ENE | .7 | 1.6 | 1.3 | | | | | | | | | 3.7 | 5. |
| E | 1.5 | 5.7 | 2.5 | .5 | | | | | | | | 11.4 | 5. |
| ESE | 1.3 | 2.8 | 1.7 | .4 | .1 | | | | | | | 6.4 | 6. |
| SE | .7 | 1.5 | 1.3 | .4 | | | | | | | | 3.9 | 5. |
| SSE | .5 | 1.6 | .4 | | | | | | | | | 2.6 | 4. |
| S | .5 | .2 | .1 | | | | | | | | | 1.3 | 3. |
| SSW | .4 | .2 | | .1 | | | | | | | | .7 | 5. |
| SW | .5 | .2 | | | | | | | | | | .7 | 3. |
| WSW | .4 | .9 | .1 | | | | | | | | | 1.3 | 4. |
| W | 1.3 | 4.2 | .2 | | | | | | | | | 5.8 | 4. |
| WNW | 1.3 | 1.3 | .9 | .2 | .1 | | | | | | | 3.2 | 5. |
| NW | .7 | 2.4 | 1.5 | .4 | | | | | | | | 5.1 | 6. |
| NNW | .9 | 3.3 | 3.9 | .7 | | | | | | | | 8.8 | 7. |
| VARBL | | .4 | | .1 | | | | | | | | .5 | 6. |
| CALM | | | | | | | | | | | | 15.1 | |
| | 15.7 | 42.4 | 19.7 | 3.8 | .4 | | | | | | | 100.0 | 4. |

TOTAL NUMBER OF OBSERVATIONS 81

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | OCT |

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 1500-2100

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 7.5 | 10.6 | 5.3 | .4 | | | | | | | 24.2 | 8. |
| NNE | 1.1 | 9.6 | 7.5 | .7 | | | | | | | | 18.9 | 6. |
| NE | .5 | 4.6 | 3.5 | | | | | | | | | 8.6 | 6. |
| ENE | 1.5 | 4.2 | 3.8 | 1.0 | | | | | | | | 10.5 | 6. |
| E | 1.5 | 5.2 | 5.3 | 1.6 | | | | | | | | 14.5 | 6. |
| ESE | 1.0 | 1.7 | 1.2 | .5 | | | | | | | | 4.4 | 5. |
| SE | .4 | .9 | 1.0 | | | | | | | | | 2.2 | 5. |
| SSE | | .9 | .4 | | | | | | | | | 1.2 | 5. |
| S | .1 | | .1 | | | | | | | | | .2 | 5. |
| SSW | .1 | .1 | | | | | | | | | | .2 | 4. |
| SW | | .1 | | .1 | | | | | | | | .2 | 9. |
| WSW | | .1 | | | | | | | | | | .1 | 5. |
| W | .1 | | | | | | | | | | | .1 | 3. |
| WNW | .2 | .2 | | | | | | | | | | .5 | 4. |
| NW | .1 | .5 | .2 | .4 | | | | | | | | 1.2 | 8. |
| NNW | .2 | 1.5 | 3.8 | 1.4 | .1 | | | | | | | 7.0 | 8. |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 7.4 | 38.0 | 37.5 | 10.9 | .5 | | | | | | | 100.0 | 6. |

TOTAL NUMBER OF OBSERVATIONS: 81

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41151 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-17 (HOURS (L S T))

(CONDITION)

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .2 | 5.2 | 13.5 | 4.9 | .5 | | | | | | 24.4 | 13. |
| NNE | | .7 | 10.5 | 5.2 | .4 | | | | | | | 17.9 | 10. |
| NE | | 2.4 | 8.6 | 2.1 | | | | | | | | 13.3 | 8. |
| ENE | .1 | 3.4 | 5.6 | 1.4 | .1 | | | | | | | 10.7 | 8. |
| E | .2 | 4.9 | 10.8 | 2.4 | .1 | | | | | | | 19.3 | 8. |
| ESE | | 1.4 | 2.2 | .5 | | | | | | | | 4.1 | 7. |
| SE | | .5 | 2.5 | .2 | | | | | | | | 3.3 | 8. |
| SSE | | .5 | 1.1 | | | | | | | | | 1.5 | 7. |
| S | .2 | .5 | .5 | | | | | | | | | 1.4 | 6. |
| SSW | | .1 | .1 | .2 | | | | | | | | .5 | 11. |
| SW | | | | | | | | | | | | | |
| WSW | | | .1 | | | | | | | | | .1 | 5. |
| W | | .2 | .1 | .2 | | | | | | | | .6 | 9. |
| WNW | .1 | .2 | | | | | | | | | | .4 | 4 |
| NW | | | | | | | | | | | | | |
| NNW | | .2 | | 1.9 | .9 | .1 | | | | | | 3.1 | 14 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 1.3 | 15.5 | 47.5 | 28.6 | 6.5 | .7 | | | | | | 100.0 | 12 |

TOTAL NUMBER OF OBSERVATIONS 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIN

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415D (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) DE (MONT

ALL WEATHER (CLASS) 0700-1 (HOURS (L

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | A V S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.7 | .5 | .1 | .1 | | | | | | | 2.5 | |
| NNE | .4 | .4 | .4 | | | | | | | | | 1.1 | |
| NE | .1 | .4 | | | | | | | | | | .5 | |
| ENE | | .1 | | | | | | | | | | .1 | |
| E | .5 | 1.0 | .7 | .1 | | | | | | | | 2.4 | |
| ESE | .2 | .2 | .2 | | | | | | | | | .7 | |
| SE | .4 | .5 | .7 | | | | | | | | | 1.7 | |
| SSE | .5 | 1.7 | .3 | .4 | | | | | | | | 3.4 | |
| S | .4 | 1.0 | .3 | .5 | | | | | | | | 2.7 | |
| SSW | .7 | 1.3 | .4 | | | | | | | | | 2.4 | |
| SW | .6 | 2.1 | .1 | .1 | | | | | | | | 2.9 | |
| WSW | 1.0 | 1.9 | .5 | | | | | | | | | 3.4 | |
| W | 2.2 | 7.1 | 5.0 | 1.0 | | | | | | | | 15.2 | |
| WNW | 2.3 | 7.7 | 10.3 | 4.1 | .5 | | | | | | | 25.4 | |
| NW | .4 | 3.5 | 5.9 | 5.3 | .6 | .1 | | | | | | 15.6 | |
| NNW | .7 | 1.6 | 2.9 | 1.1 | | | | | | | | 6.3 | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 10.5 | 32.3 | 29.7 | 12.7 | 1.2 | .1 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIN

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416J (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) DE (MONT

ALL WEATHER (CLASS) 0600- (HOURS (L

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.0 | .6 | .3 | .4 | | | | | | | 2.6 |
| NNE | .6 | 1.4 | .4 | | | | | | | | | 2.4 |
| NE | .1 | .4 | .1 | | | | | | | | | .6 |
| ENE | | .3 | | | | | | | | | | .3 |
| E | .1 | .6 | .3 | | | | | | | | | 1.- |
| ESE | | .6 | .1 | .6 | | | | | | | | 1.4 |
| SE | .5 | .3 | .1 | | | | | | | | | .9 |
| SSE | .4 | 1.1 | .9 | .1 | | | | | | | | 2.5 |
| S | .4 | 1.9 | 1.1 | .1 | | | | | | | | 3.5 |
| SSW | .9 | 1.9 | .5 | .1 | | | | | | | | 3.3 |
| SW | 1.0 | 1.3 | .5 | | | | | | | | | 2.- |
| WSW | 1.5 | 3.6 | .1 | | | | | | | | | 5.3 |
| W | 3.6 | 7.0 | 5.3 | 1.6 | .3 | | | | | | | 17.8 |
| WNW | 1.4 | 5.6 | 11.2 | 6.9 | .8 | | | | | | | 25.8 |
| NW | .4 | 3.1 | 5.6 | 5.3 | .5 | | | | | | | 14.9 |
| NNW | .5 | .8 | 1.5 | 1.1 | .1 | | | | | | | 4.0 |
| VARBL | .1 | .1 | | | | | | | | | | .3 |
| CALM | | | | | | | | | | | | 10.8 |
| | 11.8 | 31.0 | 29.3 | 16.2 | 2.0 | | | | | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40416D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
76-84 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
0900-11 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEA WIN SPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.5 | 2.0 | 1.2 | .6 | .1 | | | | | | 5.7 | 9 |
| NNE | .1 | 1.1 | .4 | .1 | | | | | | | | 1.6 | 6 |
| NE | | .4 | | .2 | | | | | | | | .6 | 7 |
| ENE | .4 | .2 | .1 | | | | | | | | | .7 | 4 |
| E | .2 | 1.1 | .8 | | | | | | | | | 2.1 | 6 |
| ESE | .4 | .5 | .7 | .2 | .1 | | | | | | | 1.9 | 7 |
| SE | .4 | .5 | .5 | .8 | | | | | | | | 2.2 | 8 |
| SSE | .4 | 1.3 | 1.9 | .4 | | | | | | | | 3.9 | 7 |
| S | .5 | 2.7 | 3.0 | 1.2 | .4 | | | | | | | 7.7 | 8 |
| SSW | .5 | 1.5 | .5 | .2 | | | | | | | | 2.8 | 6 |
| SW | 1.2 | 1.5 | .7 | | | | | | | | | 3.4 | 5 |
| WSW | 1.4 | 1.5 | 1.1 | .1 | | | | | | | | 4.1 | 5 |
| W | .9 | 4.7 | 4.4 | 2.2 | | | | | | | | 12.3 | 7 |
| WNW | .4 | 2.3 | 7.3 | 7.7 | 1.1 | | | | | | | 21.2 | 10 |
| NW | .1 | 1.9 | 5.4 | 8.3 | 1.6 | .1 | | | | | | 18.5 | 11 |
| NNW | .2 | .7 | 1.1 | 2.7 | .7 | | | | | | | 5.4 | 12 |
| VARBL | .1 | .2 | | | | | | | | | | .4 | 3 |
| CALM | | | | | | | | | | | | 5.5 | |
| | 7.4 | 24.1 | 32.9 | 25.4 | 4.4 | .2 | | | | | | 100.0 | 8 |

TOTAL NUMBER OF OBSERVATIONS 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40415D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
1200-1 — HOURS (L S

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MI WI SP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.4 | 5.1 | 7.2 | 2.0 | | | | | | | 15.8 | 1 |
| NNE | .4 | 1.4 | 1.8 | .7 | | | | | | | | 4.2 | |
| NE | .1 | .5 | .9 | | | | | | | | | 1.4 | |
| ENE | | .7 | .7 | .2 | | | | | | | | 1.6 | |
| E | .4 | 2.5 | 2.3 | .1 | | | | | | | | 5.3 | |
| ESE | .4 | 2.2 | 1.2 | .5 | | | | | | | | 4.2 | |
| SE | .1 | .5 | 2.1 | 1.9 | .1 | | | | | | | 4.7 | 1 |
| SSE | .2 | 1.5 | 3.2 | 1.3 | | | | | | | | 6.2 | |
| S | .4 | 2.5 | 3.2 | 2.2 | .4 | | | | | | | 8.5 | |
| SSW | .5 | .5 | .2 | .2 | | | | | | | | 1.5 | |
| SW | .2 | .8 | .8 | .2 | | | | | | | | 2.1 | |
| WSW | .4 | .5 | .5 | .2 | | | | | | | | 1.5 | |
| W | .4 | 1.5 | 1.8 | .7 | | | | | | | | 4.3 | |
| WNW | .2 | 1.1 | 3.3 | .9 | .1 | | | | | | | 5.6 | |
| NW | .4 | 1.5 | 7.1 | 6.5 | 1.8 | | | | | | | 17.3 | 1 |
| NNW | .1 | 1.5 | 2.9 | 7.0 | 1.4 | | | | | | | 13.1 | 1 |
| VARBL | | .2 | .1 | | | | | | | | | .4 | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 4.0 | 20.9 | 37.0 | 30.0 | 5.7 | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

404150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1 (HOURS (L S

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | ME WI SP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.1 | 10.8 | 12.3 | 1.8 | .1 | | | | | | 27.5 | 1 |
| NNE | .2 | 1.7 | 3.0 | .6 | | | | | | | | 5.5 | |
| NE | .1 | 1.7 | 2.3 | .1 | | | | | | | | 4.3 | |
| ENE | | 1.0 | 1.7 | .2 | | | | | | | | 3.0 | |
| E | 1.0 | 5.4 | 3.8 | | | | | | | | | 11.2 | |
| ESE | .3 | 2.9 | 3.0 | .8 | | | | | | | | 7.1 | |
| SE | .6 | 2.0 | 3.1 | 1.0 | .1 | | | | | | | 6.8 | |
| SSE | .7 | 1.2 | 1.8 | 2.0 | | | | | | | | 5.2 | |
| S | .5 | 1.2 | .7 | .1 | | | | | | | | 2.4 | |
| SSW | | .3 | | .1 | | | | | | | | .5 | |
| SW | | .5 | | | | | | | | | | .5 | |
| WSW | | .2 | | .1 | | | | | | | | .3 | |
| W | .2 | .3 | .2 | | | | | | | | | .8 | |
| WNW | .1 | 1.5 | 1.3 | .5 | | | | | | | | 3.4 | |
| NW | | 1.4 | 3.2 | 2.7 | .8 | | | | | | | 8.1 | 1 |
| NNW | | .5 | 3.8 | 6.9 | 1.2 | | | | | | | 12.4 | 1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 3.8 | 24.9 | 38.8 | 27.4 | 3.9 | .1 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-20 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEA WIN SPEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 4.6 | 5.3 | 1.1 | | | | | | | | 14.9 | 6 |
| NNE | 1.8 | 3.6 | .5 | | | | | | | | | 6.0 | 4 |
| NE | 1.0 | 2.1 | .4 | | | | | | | | | 3.4 | 4 |
| ENE | .9 | 2.1 | 1.1 | | | | | | | | | 4.0 | 5 |
| E | 2.8 | 5.8 | 1.3 | | | | | | | | | 10.9 | 4 |
| ESE | .5 | 3.6 | 1.1 | .2 | | | | | | | | 5.6 | 5 |
| SE | .7 | 1.8 | 1.7 | .2 | | | | | | | | 4.5 | 6 |
| SSE | .1 | 1.2 | .7 | .1 | | | | | | | | 2.2 | 6 |
| S | .1 | .4 | .2 | | | | | | | | | .7 | 5 |
| SSW | | | | | | | | | | | | | |
| SW | | .1 | | | | | | | | | | .1 | 5 |
| WSW | .2 | .1 | | | | | | | | | | .4 | 3 |
| W | | .2 | .2 | .1 | | | | | | | | .5 | 7 |
| WNW | .7 | 1.7 | 1.1 | .9 | | | | | | | | 4.4 | 6 |
| NW | 1.0 | 3.2 | 5.9 | 1.8 | .4 | | | | | | | 13.2 | 9 |
| NNW | .9 | 5.0 | 10.3 | 4.0 | .4 | .1 | | | | | | 20.7 | 8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 13.2 | 35.6 | 32.4 | 8.5 | .7 | .1 | | | | | | 100.0 | 6 |

TOTAL NUMBER OF OBSERVATIONS 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41416D — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
0100-23 — HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 2.4 | 1.6 | | .1 | | | | | | | 7.1 | 5 |
| NNE | .6 | 1.2 | .2 | .1 | | | | | | | | 2.2 | 5 |
| NE | 1.3 | .7 | .2 | | | | | | | | | 1.2 | 4 |
| ENE | 1.3 | 1.1 | .4 | | | | | | | | | 2.4 | 4 |
| E | 1.2 | 3.3 | 1.2 | | | | | | | | | 5.4 | 5 |
| ESE | 1.1 | 4.4 | 1.3 | .5 | | | | | | | | 6.9 | 5 |
| SE | .5 | 2.3 | 1.3 | .5 | | | | | | | | 4.1 | 6 |
| SSE | .1 | 1.9 | 1.6 | .1 | | | | | | | | 3.7 | 6 |
| S | .2 | .2 | .4 | | | | | | | | | .8 | 5 |
| SSW | | | | | | | | | | | | | |
| SW | .1 | | .1 | | | | | | | | | .2 | 5 |
| WSW | | .2 | .1 | | | | | | | | | .4 | 6 |
| W | 1.7 | 2.6 | 1.3 | .2 | | | | | | | | 5.9 | 5 |
| WNW | 1.3 | 6.2 | 4.2 | 1.7 | | .1 | | | | | | 13.5 | 6 |
| NW | .7 | 6.3 | 10.3 | 3.3 | .4 | | | | | | | 20.3 | 6 |
| NNW | .7 | 3.1 | 4.4 | 1.7 | | | | | | | | 9.9 | 7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 13.2 | 35.4 | 29.7 | 7.9 | .5 | .1 | | | | | | 100.0 | 5 |

TOTAL NUMBER OF OBSERVATIONS 6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41415 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.0 | 3.6 | 2.9 | .6 | .0 | | | | | | 10.0 | 9. |
| NNE | .6 | 1.4 | .9 | .2 | | | | | | | | 3.0 | 5. |
| NE | .4 | .8 | .5 | .0 | | | | | | | | 1.7 | 5. |
| ENE | .3 | .7 | .5 | .1 | | | | | | | | 1.6 | 5. |
| E | .9 | 2.9 | 1.4 | .0 | | | | | | | | 5.3 | 5. |
| ESE | .5 | 2.1 | 1.0 | .4 | .0 | | | | | | | 4.0 | 6. |
| SE | .5 | 1.2 | 1.4 | .6 | .0 | | | | | | | 3.8 | 7. |
| SSE | .3 | 1.7 | 1.7 | .6 | | | | | | | | 4.3 | 7. |
| S | .3 | 1.3 | 1.3 | .6 | .1 | | | | | | | 3.7 | 7. |
| SSW | .3 | .9 | .3 | .1 | | | | | | | | 1.4 | 5. |
| SW | .4 | .9 | .3 | .0 | .0 | | | | | | | 1.6 | 5. |
| WSW | .6 | 1.2 | .3 | .1 | | | | | | | | 2.1 | 4. |
| W | 1.4 | 3.5 | 2.9 | .8 | .0 | | | | | | | 8.6 | 6. |
| WNW | 1.0 | 4.1 | 5.2 | 3.2 | .3 | .0 | | | | | | 14.9 | 8. |
| NW | .4 | 3.1 | 5.5 | 4.5 | .8 | .0 | | | | | | 15.6 | 9. |
| NNW | .4 | 1.7 | 3.9 | 3.2 | .5 | .0 | | | | | | 9.6 | 9. |
| VARBL | .0 | .1 | .0 | | | | | | | | | .1 | 4. |
| CALM | | | | | | | | | | | | .8 | |
| | 9.2 | 29.5 | 32.6 | 17.3 | 2.5 | .1 | | | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS 669

USAFETAC FORM 0-8-5 OL-A (JUL 64) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 404150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.8 | 5.1 | 7.1 | 3.1 | .3 | .1 | .0 | | | | 19.7 | 11.9 |
| NNE | .5 | 2.2 | 2.5 | 1.8 | .2 | .0 | | | | | | 7.4 | 8.5 |
| NE | .3 | 1.1 | 1.5 | .5 | .0 | .0 | .0 | | | | | 3.4 | 7.6 |
| ENE | .3 | 1.1 | 1.6 | .4 | .0 | .0 | | | | | | 3.4 | 7.4 |
| E | .6 | 2.5 | 2.7 | .7 | .0 | .0 | | | | | | 6.7 | 7.1 |
| ESE | .4 | 1.5 | 1.2 | .4 | .1 | .0 | | | | | | 3.6 | 7.0 |
| SE | .3 | .8 | .9 | .5 | .0 | .0 | | | | | | 2.6 | 7.6 |
| SSE | .3 | .8 | .8 | .4 | .0 | .0 | | | | | | 2.3 | 7.5 |
| S | .3 | .8 | .7 | .2 | .0 | .0 | | | | | | 2.1 | 6.7 |
| SSW | .3 | .5 | .3 | .1 | .0 | | | | | | | 1.2 | 5.7 |
| SW | .3 | .5 | .2 | .0 | .0 | .0 | | | | | | 1.1 | 5.2 |
| WSW | .6 | 1.2 | .3 | .0 | .0 | .0 | | | | | | 2.1 | 4.9 |
| W | 1.4 | 5.0 | 2.5 | .3 | .0 | .0 | | | | | | 9.2 | 5.7 |
| WNW | .7 | 3.8 | 4.4 | 1.1 | .1 | .0 | | | | | | 10.1 | 7.3 |
| NW | .4 | 1.8 | 3.2 | 2.0 | .3 | .0 | .0 | | | | | 7.8 | 9.1 |
| NNW | .3 | 1.5 | 2.9 | 3.1 | 1.0 | .2 | .0 | .0 | | | | 9.0 | 11.0 |
| VARBL | .1 | .1 | .0 | .0 | .0 | | | | | | | .2 | 5.3 |
| CALM | | | | | | | | | | | | .2 | |
| | 7.8 | 23.2 | 30.9 | 18.7 | 5.0 | 1.1 | .1 | .0 | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 76815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 41016 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

INSTRUMENT (CLASS) | ALL (HOURS (L S T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.5 | 2.9 | 8.5 | 8.3 | 5.6 | .7 | .0 | | | | 27.8 | 16.6 |
| NNE | .3 | .9 | 1.3 | 1.4 | .6 | .1 | | | | | | 4.5 | 10.6 |
| NE | .2 | .5 | .5 | .3 | .0 | | | | | | | 1.6 | 7.4 |
| ENE | .1 | .5 | .6 | .2 | | | | | | | | 1.5 | 7.3 |
| E | .2 | .8 | .9 | .2 | | | | | | | | 2.1 | 7.1 |
| ESE | .2 | .7 | .3 | .1 | .1 | | | | | | | 1.3 | 7.1 |
| SE | .1 | .4 | .3 | .1 | .0 | | | | | | | .9 | 7.5 |
| SSE | .1 | .3 | .3 | .4 | .1 | | | | | | | 1.1 | 9.2 |
| S | .1 | .4 | .2 | .3 | .1 | | | | | | | 1.1 | 8.0 |
| SSW | .2 | .3 | .2 | .1 | | | | | | | | .8 | 5.9 |
| SW | .2 | .4 | .1 | .1 | | .0 | | | | | | .8 | 6.3 |
| WSW | .4 | .3 | .2 | .1 | .0 | | | | | | | 1.5 | 5.0 |
| W | 1.2 | 4.3 | 2.5 | .5 | .1 | .0 | | | | | | 8.7 | 6.1 |
| WNW | .5 | 3.7 | 4.1 | 1.5 | .4 | .0 | | | | | | 10.4 | 6.0 |
| NW | .2 | 1.5 | 4.2 | 4.4 | 1.5 | .2 | | | | | | 12.0 | 11.3 |
| NNW | .2 | .9 | 2.8 | 5.7 | 5.1 | 1.8 | .3 | | | | | 17.7 | 15.1 |
| VARBL | .0 | .0 | | .0 | .0 | | | | | | | .1 | 9.6 |
| CALM | | | | | | | | | | | | .1 | |
| | 4.7 | 17.8 | 21.5 | 24.9 | 16.3 | 7.8 | 1.0 | .0 | | | | 100.0 | 11.4 |

TOTAL NUMBER OF OBSERVATIONS 4479

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 87.8 | 91.1 | 92.0 | 92.8 | 92.9 | 93.5 | 93.7 | 93.8 | 93.8 | 94.1 | 94.3 | 94.8 | 94.8 | 95.4 | |
| GE 4500 | | 87.8 | 91.1 | 92.0 | 92.8 | 92.9 | 93.5 | 93.7 | 93.8 | 93.8 | 94.1 | 94.3 | 94.8 | 94.8 | 95.4 | |
| GE 4000 | | 89.6 | 93.2 | 94.2 | 95.1 | 95.2 | 95.8 | 95.9 | 96.1 | 96.1 | 96.3 | 96.6 | 97.1 | 97.1 | 97.7 | |
| GE 3500 | | 89.7 | 93.4 | 94.4 | 95.3 | 95.4 | 96.1 | 96.2 | 96.3 | 96.3 | 96.6 | 96.8 | 97.3 | 97.3 | 98.0 | |
| GE 3000 | | 90.9 | 94.6 | 95.6 | 96.6 | 96.7 | 97.5 | 97.6 | 97.7 | 97.7 | 98.0 | 98.2 | 98.7 | 98.7 | 99.4 | |
| GE 2500 | | 90.9 | 94.6 | 95.6 | 96.6 | 96.7 | 97.5 | 97.6 | 97.7 | 97.7 | 98.0 | 98.2 | 98.7 | 98.7 | 99.4 | |
| GE 2000 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 1800 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 1500 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 1200 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 1000 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 900 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 800 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 700 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 600 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 500 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 400 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.0 | 99.7 | |
| GE 300 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.1 | 99.9 | |
| GE 200 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.1 | 99.9 | |
| GE 100 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.1 | 99.9 | |
| GE 0 | | 91.0 | 94.8 | 95.8 | 96.8 | 97.0 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.5 | 99.0 | 99.1 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 9/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 83.4 | 86.5 | 87.7 | 88.6 | 88.8 | 89.4 | 89.7 | 89.8 | 89.8 | 90.4 | 91.1 | 91.3 | 91.3 | 92.6 |
| GE 4500 | | | 83.4 | 86.5 | 87.7 | 88.6 | 88.8 | 89.4 | 89.7 | 89.8 | 89.8 | 90.4 | 91.1 | 91.3 | 91.3 | 92.6 |
| GE 4000 | | | 85.4 | 88.9 | 90.3 | 91.2 | 91.3 | 92.0 | 92.2 | 92.3 | 92.3 | 93.0 | 93.6 | 93.9 | 93.9 | 95.4 |
| GE 3500 | | | 85.7 | 89.1 | 90.5 | 91.4 | 91.6 | 92.2 | 92.5 | 92.6 | 92.6 | 93.2 | 93.9 | 94.1 | 94.1 | 95.7 |
| GE 3000 | | | 87.7 | 91.4 | 92.8 | 93.7 | 93.9 | 94.6 | 94.9 | 95.0 | 95.0 | 95.7 | 96.3 | 96.6 | 96.6 | 98.1 |
| GE 2500 | | | 88.6 | 91.8 | 93.2 | 94.3 | 94.4 | 95.3 | 95.5 | 95.7 | 95.7 | 96.3 | 96.9 | 97.2 | 97.2 | 98.7 |
| GE 2000 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 1800 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 1500 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 1200 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 1000 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 900 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 800 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 700 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 600 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 500 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 400 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 300 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 200 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.0 |
| GE 100 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 99.2 |
| GE 0 | | | 88.3 | 92.1 | 93.5 | 94.5 | 94.6 | 95.5 | 95.8 | 95.9 | 95.9 | 96.6 | 97.2 | 97.4 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 74.2 | 79.4 | 81.7 | 84.2 | 84.2 | 85.4 | 86.3 | 86.8 | 87.0 | 87.4 | 88.4 | 88.8 | 88.8 | 90.7 | |
| GE 4500 | | 74.2 | 79.4 | 81.7 | 84.2 | 84.2 | 85.4 | 86.3 | 86.8 | 87.0 | 87.4 | 88.4 | 88.8 | 88.8 | 90.7 | |
| GE 4000 | | 76.9 | 82.1 | 84.8 | 87.4 | 87.4 | 88.6 | 89.5 | 90.0 | 90.2 | 90.5 | 91.7 | 92.1 | 92.1 | 94.0 | |
| GE 3500 | | 77.8 | 83.0 | 85.7 | 86.3 | 88.3 | 89.5 | 90.4 | 91.1 | 91.3 | 91.7 | 92.8 | 93.2 | 93.2 | 95.1 | |
| GE 3000 | | 80.5 | 85.8 | 88.6 | 91.6 | 91.6 | 93.0 | 93.9 | 94.5 | 94.8 | 95.3 | 96.6 | 96.9 | 96.9 | 98.9 | |
| GE 2500 | | 80.8 | 86.2 | 89.0 | 92.0 | 92.0 | 93.4 | 94.3 | 94.9 | 95.1 | 95.7 | 96.9 | 97.3 | 97.3 | 99.2 | |
| GE 2000 | | 81.0 | 86.3 | 89.3 | 92.2 | 92.2 | 93.7 | 94.6 | 95.3 | 95.5 | 96.0 | 97.3 | 97.7 | 97.7 | 99.6 | |
| GE 1800 | | 81.0 | 86.3 | 89.3 | 92.2 | 92.2 | 93.7 | 94.6 | 95.3 | 95.5 | 96.0 | 97.3 | 97.7 | 97.7 | 99.6 | |
| GE 1500 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 1200 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 1000 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 900 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 800 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 700 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 600 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 500 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 400 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 300 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 200 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.7 | |
| GE 100 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 99.9 | |
| GE 0 | | 81.0 | 86.5 | 89.4 | 92.3 | 92.3 | 93.9 | 94.8 | 95.4 | 95.7 | 96.2 | 97.4 | 97.8 | 97.8 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 91.1 | 93.6 | 94.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.2 | 96.4 | 96.7 | 96.7 | 96.7 |
| GE 4500 | | 91.1 | 93.6 | 94.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.2 | 96.4 | 96.7 | 96.7 | 96.7 |
| GE 4000 | | 91.9 | 94.4 | 95.6 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 97.0 | 97.3 | 97.5 | 97.5 | 97.5 |
| GE 3500 | | 92.1 | 94.5 | 95.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.4 | 97.7 | 97.7 | 97.7 |
| GE 3000 | | 93.7 | 96.3 | 97.5 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 |
| GE 2500 | | 94.0 | 96.6 | 97.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 |
| GE 2000 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 94.1 | 96.7 | 98.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 86.6 | 91.8 | 93.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 4500 | | 86.8 | 91.8 | 93.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 4000 | | 87.7 | 92.8 | 94.1 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 3500 | | 88.3 | 93.6 | 94.8 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 3000 | | 89.7 | 95.9 | 97.3 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 2500 | | 90.0 | 96.3 | 97.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | | 90.0 | 96.3 | 97.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1800 | | 90.0 | 96.3 | 97.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1500 | | 90.0 | 96.3 | 97.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | | 90.0 | 96.3 | 97.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | | 90.1 | 96.4 | 98.0 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | | 90.1 | 96.4 | 98.0 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 90.4 | 96.7 | 98.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 82.4 | 88.1 | 89.5 | 90.7 | 90.8 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | |
| GE 4500 | | 82.4 | 88.1 | 89.5 | 90.7 | 90.8 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | |
| GE 4000 | | 83.8 | 90.3 | 92.1 | 93.3 | 93.5 | 94.4 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | |
| GE 3500 | | 84.4 | 91.1 | 92.9 | 94.1 | 94.3 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | |
| GE 3000 | | 87.0 | 94.1 | 96.4 | 97.9 | 98.0 | 98.9 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 2500 | | 87.0 | 94.1 | 96.5 | 98.0 | 98.1 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE 2000 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 87.3 | 94.4 | 96.8 | 98.3 | 98.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 82.6 | 88.2 | 90.4 | 91.3 | 91.3 | 92.1 | 92.6 | 92.7 | 92.7 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | |
| GE 4500 | | 82.6 | 88.2 | 90.4 | 91.3 | 91.3 | 92.1 | 92.6 | 92.7 | 92.7 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | |
| GE 4000 | | 84.1 | 89.8 | 92.2 | 93.3 | 93.3 | 94.0 | 94.6 | 94.7 | 94.7 | 94.8 | 94.9 | 95.1 | 95.1 | 95.1 | |
| GE 3500 | | 84.3 | 90.0 | 92.5 | 93.5 | 93.5 | 94.3 | 94.8 | 94.9 | 94.9 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | |
| GE 3000 | | 85.6 | 92.2 | 94.7 | 96.0 | 96.0 | 97.0 | 97.5 | 97.7 | 97.7 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | |
| GE 2500 | | 86.4 | 92.9 | 95.3 | 96.6 | 96.6 | 97.7 | 98.2 | 98.3 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | |
| GE 2000 | | 86.7 | 93.1 | 95.9 | 97.2 | 97.2 | 98.2 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | |
| GE 1800 | | 86.7 | 93.1 | 95.9 | 97.2 | 97.2 | 98.2 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | |
| GE 1500 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 1200 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 1000 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 900 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 800 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 700 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 600 | | 86.9 | 93.7 | 96.4 | 97.7 | 97.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | |
| GE 500 | | 87.0 | 93.9 | 96.6 | 97.9 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 87.0 | 93.9 | 96.6 | 97.9 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 87.0 | 93.9 | 96.6 | 97.9 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 87.0 | 93.9 | 96.6 | 97.9 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 87.0 | 93.9 | 96.6 | 97.9 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 87.0 | 93.9 | 96.6 | 97.9 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 76.0 | 84.3 | 87.8 | 89.9 | 89.9 | 90.5 | 90.5 | 90.5 | 90.5 | 90.8 | 91.3 | 91.7 | 91.7 | 91.7 | |
| GE 4500 | | 76.1 | 84.4 | 87.9 | 90.0 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.9 | 91.4 | 91.8 | 91.8 | 91.8 | |
| GE 4000 | | 77.6 | 86.1 | 89.9 | 92.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 93.1 | 93.6 | 94.0 | 94.0 | 94.0 | |
| GE 3500 | | 77.7 | 86.3 | 90.1 | 92.2 | 92.2 | 93.0 | 93.0 | 93.0 | 93.0 | 93.4 | 93.9 | 94.3 | 94.3 | 94.3 | |
| GE 3000 | | 79.4 | 89.4 | 93.3 | 95.5 | 95.5 | 96.2 | 96.2 | 96.2 | 96.2 | 96.6 | 97.1 | 97.5 | 97.5 | 97.5 | |
| GE 2500 | | 79.4 | 89.4 | 93.3 | 95.6 | 95.6 | 96.4 | 96.4 | 96.4 | 96.4 | 96.8 | 97.3 | 97.8 | 97.8 | 97.8 | |
| GE 2000 | | 80.0 | 90.0 | 93.9 | 96.2 | 96.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.5 | 98.1 | 98.6 | 98.6 | 98.6 | |
| GE 1800 | | 80.0 | 90.0 | 93.9 | 96.2 | 96.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.5 | 98.1 | 98.6 | 98.6 | 98.6 | |
| GE 1500 | | 80.2 | 90.1 | 94.2 | 96.5 | 96.6 | 97.5 | 97.5 | 97.7 | 97.7 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | |
| GE 1200 | | 80.2 | 90.1 | 94.2 | 96.5 | 96.6 | 97.5 | 97.5 | 97.7 | 97.7 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | |
| GE 1000 | | 80.2 | 90.1 | 94.4 | 96.8 | 96.9 | 97.8 | 97.8 | 97.9 | 97.9 | 98.3 | 98.8 | 99.4 | 99.4 | 99.4 | |
| GE 900 | | 80.2 | 90.1 | 94.4 | 96.8 | 96.9 | 97.8 | 97.8 | 97.9 | 97.9 | 98.3 | 98.8 | 99.4 | 99.4 | 99.4 | |
| GE 800 | | 80.2 | 90.1 | 94.6 | 96.9 | 97.0 | 97.9 | 97.9 | 98.1 | 98.1 | 98.4 | 99.0 | 99.5 | 99.5 | 99.5 | |
| GE 700 | | 80.2 | 90.1 | 94.6 | 96.9 | 97.0 | 97.9 | 97.9 | 98.1 | 98.1 | 98.4 | 99.0 | 99.5 | 99.5 | 99.5 | |
| GE 600 | | 80.2 | 90.1 | 94.6 | 96.9 | 97.0 | 97.9 | 97.9 | 98.1 | 98.1 | 98.4 | 99.0 | 99.5 | 99.5 | 99.5 | |
| GE 500 | | 80.2 | 90.1 | 94.6 | 97.0 | 97.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.7 | 99.2 | 99.7 | 99.7 | 99.7 | |
| GE 400 | | 80.2 | 90.1 | 94.6 | 97.0 | 97.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 99.9 | 99.9 | |
| GE 300 | | 80.2 | 90.1 | 94.6 | 97.0 | 97.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 99.9 | 99.9 | |
| GE 200 | | 80.2 | 90.1 | 94.6 | 97.0 | 97.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 99.9 | 99.9 | |
| GE 100 | | 80.2 | 90.1 | 94.6 | 97.0 | 97.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 80.2 | 90.1 | 94.6 | 97.0 | 97.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 69.3 | 77.4 | 81.2 | 83.9 | 84.1 | 84.8 | 85.2 | 85.3 | 85.3 | 85.5 | 85.6 | 86.3 | 86.6 | 88.7 |
| GE 4500 | | 69.3 | 77.4 | 81.2 | 83.9 | 84.1 | 84.8 | 85.2 | 85.3 | 85.3 | 85.5 | 85.6 | 86.3 | 86.6 | 88.7 |
| GE 4000 | | 71.5 | 80.3 | 84.2 | 87.0 | 87.2 | 87.9 | 88.4 | 88.6 | 88.6 | 88.7 | 88.9 | 89.6 | 89.8 | 92.0 |
| GE 3500 | | 71.8 | 80.5 | 84.6 | 87.4 | 87.6 | 88.3 | 88.9 | 89.0 | 89.0 | 89.1 | 89.3 | 90.0 | 90.3 | 92.4 |
| GE 3000 | | 74.2 | 84.3 | 88.7 | 91.5 | 91.7 | 92.4 | 92.9 | 93.1 | 93.1 | 93.2 | 93.4 | 94.1 | 94.4 | 96.5 |
| GE 2500 | | 74.5 | 84.8 | 89.1 | 92.1 | 92.2 | 92.9 | 93.5 | 93.7 | 93.7 | 93.8 | 93.9 | 94.6 | 94.9 | 97.0 |
| GE 2000 | | 74.8 | 85.0 | 89.4 | 92.4 | 92.5 | 93.4 | 93.9 | 94.2 | 94.2 | 94.4 | 94.5 | 95.2 | 95.5 | 97.6 |
| GE 1800 | | 74.8 | 85.0 | 89.4 | 92.4 | 92.5 | 93.4 | 93.9 | 94.2 | 94.2 | 94.4 | 94.5 | 95.2 | 95.5 | 97.6 |
| GE 1500 | | 75.0 | 85.3 | 89.8 | 92.8 | 92.9 | 93.8 | 94.4 | 94.6 | 94.6 | 94.8 | 94.9 | 95.6 | 96.1 | 98.2 |
| GE 1200 | | 75.0 | 85.3 | 89.8 | 92.8 | 92.9 | 93.8 | 94.4 | 94.6 | 94.6 | 94.8 | 94.9 | 95.6 | 96.1 | 98.2 |
| GE 1000 | | 75.0 | 85.3 | 90.0 | 92.9 | 93.1 | 93.9 | 94.5 | 94.8 | 94.8 | 94.9 | 95.2 | 95.9 | 96.3 | 98.4 |
| GE 900 | | 75.0 | 85.3 | 90.0 | 92.9 | 93.1 | 93.9 | 94.5 | 94.8 | 94.8 | 94.9 | 95.2 | 95.9 | 96.3 | 98.4 |
| GE 800 | | 75.2 | 85.6 | 90.3 | 93.2 | 93.4 | 94.2 | 94.8 | 95.1 | 95.1 | 95.2 | 95.5 | 96.2 | 96.6 | 98.7 |
| GE 700 | | 75.2 | 85.6 | 90.3 | 93.2 | 93.4 | 94.2 | 94.8 | 95.1 | 95.1 | 95.2 | 95.5 | 96.2 | 96.6 | 98.7 |
| GE 600 | | 75.2 | 85.6 | 90.3 | 93.2 | 93.4 | 94.2 | 94.8 | 95.1 | 95.1 | 95.2 | 95.5 | 96.2 | 96.6 | 98.7 |
| GE 500 | | 75.2 | 85.8 | 90.4 | 93.5 | 93.7 | 94.5 | 95.1 | 95.3 | 95.3 | 95.5 | 95.8 | 96.5 | 96.9 | 99.2 |
| GE 400 | | 75.2 | 85.8 | 90.4 | 93.5 | 93.7 | 94.5 | 95.1 | 95.3 | 95.3 | 95.5 | 95.8 | 96.5 | 96.9 | 99.2 |
| GE 300 | | 75.2 | 85.8 | 90.4 | 93.5 | 93.7 | 94.5 | 95.1 | 95.3 | 95.3 | 95.5 | 95.8 | 96.5 | 96.9 | 99.2 |
| GE 200 | | 75.2 | 85.8 | 90.4 | 93.5 | 93.7 | 94.5 | 95.1 | 95.3 | 95.3 | 95.5 | 95.8 | 96.5 | 96.9 | 99.2 |
| GE 100 | | 75.2 | 85.8 | 90.4 | 93.5 | 93.7 | 94.5 | 95.1 | 95.3 | 95.3 | 95.5 | 95.8 | 96.6 | 97.2 | 99.9 |
| GE 0 | | 75.2 | 85.8 | 90.4 | 93.5 | 93.7 | 94.5 | 95.1 | 95.3 | 95.3 | 95.5 | 95.8 | 96.6 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 83.0 | 88.3 | 90.1 | 92.1 | 92.1 | 92.3 | 92.5 | 92.5 | 92.5 | 92.8 | 92.8 | 93.2 | 93.2 | 95.0 | |
| GE 4500 | | 83.0 | 88.3 | 90.1 | 92.1 | 92.1 | 92.3 | 92.5 | 92.5 | 92.5 | 92.8 | 92.8 | 93.2 | 93.2 | 95.0 | |
| GE 4000 | | 83.3 | 88.6 | 90.5 | 92.5 | 92.5 | 92.7 | 92.9 | 92.9 | 92.9 | 93.2 | 93.2 | 93.6 | 93.6 | 95.4 | |
| GE 3500 | | 83.3 | 88.9 | 90.8 | 92.8 | 92.8 | 92.9 | 93.2 | 93.2 | 93.2 | 93.5 | 93.5 | 93.9 | 93.9 | 95.7 | |
| GE 3000 | | 85.3 | 91.0 | 92.9 | 95.0 | 95.0 | 95.1 | 95.4 | 95.5 | 95.5 | 95.8 | 95.8 | 96.2 | 96.2 | 98.0 | |
| GE 2500 | | 85.8 | 91.5 | 93.4 | 95.4 | 95.4 | 95.5 | 95.8 | 95.9 | 95.9 | 96.2 | 96.2 | 96.6 | 96.6 | 98.4 | |
| GE 2000 | | 86.3 | 92.0 | 93.9 | 95.9 | 95.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 97.3 | 97.3 | 99.1 | |
| GE 1800 | | 86.3 | 92.0 | 93.9 | 95.9 | 95.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 97.3 | 97.3 | 99.1 | |
| GE 1500 | | 86.3 | 92.0 | 93.9 | 95.9 | 95.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 97.3 | 97.3 | 99.1 | |
| GE 1200 | | 86.3 | 92.0 | 93.9 | 95.9 | 95.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 97.3 | 97.3 | 99.1 | |
| GE 1000 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 900 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 800 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 700 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 600 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 500 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 400 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 300 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.2 | |
| GE 200 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.5 | |
| GE 100 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 99.6 | |
| GE 0 | | 86.3 | 92.1 | 94.0 | 96.1 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.4 | 89.4 | 90.5 | 91.0 | 91.0 | 92.0 | 92.7 | 92.7 | 92.7 | 93.1 | 93.4 | 93.8 | 93.8 | 95.0 | |
| GE 4500 | | 85.4 | 89.4 | 90.5 | 91.0 | 91.0 | 92.0 | 92.7 | 92.7 | 92.7 | 93.1 | 93.4 | 93.8 | 93.8 | 95.0 | |
| GE 4000 | | 86.3 | 90.3 | 91.5 | 92.0 | 92.0 | 93.0 | 93.7 | 93.7 | 93.7 | 94.1 | 94.4 | 94.8 | 94.8 | 95.9 | |
| GE 3500 | | 86.4 | 90.6 | 91.7 | 92.3 | 92.3 | 93.3 | 94.4 | 94.4 | 94.4 | 94.8 | 95.1 | 95.5 | 95.5 | 96.6 | |
| GE 3000 | | 88.9 | 93.1 | 94.3 | 94.8 | 94.8 | 95.8 | 96.9 | 96.9 | 96.9 | 97.3 | 97.6 | 98.0 | 98.0 | 99.2 | |
| GE 2500 | | 89.4 | 93.6 | 94.7 | 95.2 | 95.2 | 96.2 | 97.3 | 97.3 | 97.3 | 97.8 | 98.0 | 98.5 | 98.5 | 99.6 | |
| GE 2000 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 1800 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 1500 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 1200 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 1000 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 900 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 800 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 700 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.9 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 600 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 500 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 400 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 300 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 200 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 100 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |
| GE 0 | | 89.6 | 94.0 | 95.1 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.5 | 98.9 | 98.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 83.7 | 88.0 | 89.4 | 90.5 | 90.6 | 91.2 | 91.7 | 91.9 | 91.9 | 92.1 | 92.4 | 92.5 | 92.5 | 93.1 |
| GE 4500 | | 83.7 | 88.1 | 89.5 | 90.6 | 90.7 | 91.3 | 91.7 | 92.0 | 92.0 | 92.2 | 92.5 | 92.6 | 92.6 | 93.1 |
| GE 4000 | | 86.0 | 90.6 | 92.2 | 93.4 | 93.5 | 94.1 | 94.6 | 94.9 | 94.9 | 95.1 | 95.3 | 95.5 | 95.5 | 96.0 |
| GE 3500 | | 86.3 | 91.0 | 92.6 | 93.8 | 93.9 | 94.6 | 95.0 | 95.3 | 95.3 | 95.5 | 95.8 | 95.9 | 95.9 | 96.4 |
| GE 3000 | | 88.2 | 93.2 | 94.9 | 96.3 | 96.4 | 97.1 | 97.6 | 97.9 | 97.9 | 98.1 | 98.4 | 98.5 | 98.5 | 99.1 |
| GE 2500 | | 88.4 | 93.4 | 95.1 | 96.5 | 96.6 | 97.3 | 97.8 | 98.1 | 98.1 | 98.4 | 98.6 | 98.8 | 98.8 | 99.3 |
| GE 2000 | | 88.6 | 93.7 | 95.3 | 96.8 | 96.9 | 97.6 | 98.1 | 98.4 | 98.4 | 98.6 | 98.9 | 99.1 | 99.1 | 99.6 |
| GE 1800 | | 88.6 | 93.7 | 95.3 | 96.8 | 96.8 | 97.6 | 98.1 | 98.4 | 98.4 | 98.6 | 98.9 | 99.1 | 99.1 | 99.6 |
| GE 1500 | | 88.6 | 93.7 | 95.4 | 96.8 | 96.9 | 97.7 | 98.1 | 98.4 | 98.4 | 98.7 | 98.9 | 99.1 | 99.1 | 99.6 |
| GE 1200 | | 88.6 | 93.7 | 95.4 | 96.8 | 96.9 | 97.7 | 98.2 | 98.4 | 98.5 | 98.7 | 99.0 | 99.1 | 99.1 | 99.6 |
| GE 1000 | | 88.7 | 93.7 | 95.4 | 96.8 | 96.9 | 97.7 | 98.2 | 98.5 | 98.5 | 98.7 | 99.0 | 99.2 | 99.2 | 99.7 |
| GE 900 | | 88.7 | 93.7 | 95.4 | 96.8 | 96.9 | 97.7 | 98.2 | 98.5 | 98.5 | 98.7 | 99.0 | 99.2 | 99.2 | 99.7 |
| GE 800 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.2 | 99.2 | 99.8 |
| GE 700 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.2 | 99.2 | 99.8 |
| GE 600 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.2 | 99.2 | 99.8 |
| GE 500 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.2 | 99.2 | 99.8 |
| GE 400 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.8 |
| GE 300 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.8 |
| GE 200 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.8 |
| GE 100 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.8 |
| GE 0 | | 88.7 | 93.8 | 95.5 | 96.9 | 97.0 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 6554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 90.1 | 92.9 | 93.7 | 94.4 | 94.5 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 4500 | | | 90.1 | 92.9 | 93.7 | 94.4 | 94.5 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 4000 | | | 91.8 | 94.6 | 95.4 | 96.1 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 3500 | | | 91.8 | 94.6 | 95.4 | 96.1 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 3000 | | | 93.2 | 96.1 | 96.8 | 97.6 | 97.7 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 2500 | | | 93.7 | 96.6 | 97.3 | 98.0 | 98.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 2000 | | | 94.4 | 97.3 | 98.0 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1800 | | | 94.4 | 97.3 | 98.0 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1500 | | | 94.4 | 97.3 | 98.0 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1200 | | | 94.5 | 97.4 | 98.2 | 98.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | | | 94.6 | 97.6 | 98.3 | 99.0 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | | | 94.6 | 97.6 | 98.3 | 99.0 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | | | 94.6 | 97.6 | 98.3 | 99.0 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | | | 94.6 | 97.6 | 98.3 | 99.0 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | | | 94.6 | 97.6 | 98.3 | 99.0 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | | | 94.6 | 97.6 | 98.3 | 99.0 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | | | 94.7 | 97.7 | 98.4 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | | | 94.7 | 97.7 | 98.4 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | | | 94.7 | 97.7 | 98.4 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | | | 94.7 | 97.7 | 98.4 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 0 | | | 94.7 | 97.7 | 98.4 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1200-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 89.3 | 93.3 | 93.6 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE 4500 | | 89.5 | 93.4 | 93.7 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | |
| GE 4000 | | 91.6 | 95.8 | 96.0 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE 3500 | | 91.7 | 96.0 | 96.4 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | |
| GE 3000 | | 93.4 | 97.9 | 98.5 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | |
| GE 2500 | | 93.6 | 98.0 | 98.6 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 2000 | | 93.7 | 98.3 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1800 | | 93.7 | 98.3 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1500 | | 93.7 | 98.3 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1200 | | 93.7 | 98.3 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1000 | | 93.8 | 98.4 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 900 | | 93.9 | 98.5 | 99.1 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 800 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 93.9 | 98.5 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 84.5 | 89.0 | 90.7 | 91.4 | 91.4 | 91.7 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | |
| GE 4500 | | 84.6 | 89.2 | 90.8 | 91.5 | 91.5 | 91.8 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | |
| GE 4000 | | 86.9 | 92.3 | 94.2 | 94.9 | 94.9 | 95.2 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | |
| GE 3500 | | 86.9 | 92.4 | 94.4 | 95.2 | 95.2 | 95.6 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | |
| GE 3000 | | 89.0 | 95.0 | 97.2 | 98.1 | 98.1 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | |
| GE 2500 | | 89.0 | 95.0 | 97.2 | 98.1 | 98.1 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | |
| GE 2000 | | 89.2 | 95.1 | 97.4 | 98.4 | 98.4 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 1800 | | 89.2 | 95.1 | 97.4 | 98.4 | 98.4 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 1500 | | 89.2 | 95.1 | 97.4 | 98.4 | 98.4 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 1200 | | 89.2 | 95.1 | 97.4 | 98.4 | 98.4 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 1000 | | 89.2 | 95.1 | 97.4 | 98.4 | 98.4 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 900 | | 89.2 | 95.1 | 97.4 | 98.4 | 98.4 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 800 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 700 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 600 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 500 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 400 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 300 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 200 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 100 | | 89.2 | 95.2 | 97.6 | 98.5 | 98.5 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 0 | | 89.3 | 95.3 | 97.7 | 98.6 | 98.6 | 99.0 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 958

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 83.1 | 88.0 | 89.3 | 90.3 | 90.4 | 91.5 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | |
| GE 4500 | | 83.1 | 88.0 | 89.3 | 90.3 | 90.4 | 91.5 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | |
| GE 4000 | | 86.0 | 91.5 | 92.8 | 93.9 | 94.0 | 95.4 | 95.9 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | |
| GE 3500 | | 86.4 | 92.0 | 93.3 | 94.4 | 94.5 | 95.9 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE 3000 | | 88.3 | 94.2 | 95.7 | 96.8 | 96.9 | 98.5 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 2500 | | 88.5 | 94.5 | 95.9 | 97.1 | 97.2 | 98.7 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 2000 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 88.6 | 94.6 | 96.0 | 97.2 | 97.3 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 77.1 | 83.6 | 86.4 | 88.4 | 88.5 | 88.9 | 89.9 | 90.6 | 90.6 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | |
| GE 4500 | | 77.3 | 83.8 | 86.5 | 88.6 | 88.7 | 89.2 | 90.3 | 91.0 | 91.0 | 91.3 | 91.5 | 91.5 | 91.5 | 91.6 | |
| GE 4000 | | 79.5 | 86.4 | 89.3 | 91.8 | 91.9 | 92.3 | 93.5 | 94.2 | 94.2 | 94.5 | 94.8 | 94.8 | 94.8 | 94.9 | |
| GE 3500 | | 80.0 | 87.1 | 90.0 | 92.5 | 92.6 | 93.0 | 94.2 | 94.9 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.6 | |
| GE 3000 | | 82.8 | 90.5 | 93.5 | 96.3 | 96.4 | 97.0 | 98.1 | 98.8 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 2500 | | 82.8 | 90.5 | 93.5 | 96.3 | 96.5 | 97.1 | 98.3 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | |
| GE 2000 | | 82.8 | 90.5 | 93.5 | 96.3 | 96.5 | 97.2 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 1800 | | 82.8 | 90.5 | 93.5 | 96.3 | 96.5 | 97.2 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 1500 | | 82.8 | 90.5 | 93.5 | 96.3 | 96.5 | 97.2 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 1200 | | 82.8 | 90.5 | 93.5 | 96.3 | 96.5 | 97.2 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 1000 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 900 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 800 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 700 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 600 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 500 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 400 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 82.9 | 90.6 | 93.6 | 96.4 | 96.6 | 97.4 | 98.6 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | |
| GE 5000 | | 82.1 | 87.6 | 89.7 | 91.1 | 91.2 | 91.7 | 92.0 | 92.0 | 92.0 | 92.2 | 92.4 | 92.7 | 92.7 | 9 |
| GE 4500 | | 82.1 | 87.7 | 89.7 | 91.2 | 91.2 | 91.7 | 92.0 | 92.0 | 92.0 | 92.2 | 92.4 | 92.7 | 92.7 | 9 |
| GE 4000 | | 83.3 | 89.1 | 91.3 | 92.8 | 92.8 | 93.4 | 93.7 | 93.7 | 93.7 | 93.9 | 94.1 | 94.4 | 94.4 | 9 |
| GE 3500 | | 83.5 | 89.4 | 91.7 | 93.2 | 93.2 | 93.8 | 94.1 | 94.2 | 94.2 | 94.4 | 94.5 | 94.8 | 94.9 | 9 |
| GE 3000 | | 85.5 | 92.0 | 94.4 | 96.0 | 96.1 | 96.7 | 97.0 | 97.1 | 97.1 | 97.3 | 97.5 | 97.8 | 97.8 | 9 |
| GE 2500 | | 85.6 | 92.4 | 94.7 | 96.4 | 96.4 | 97.1 | 97.4 | 97.5 | 97.5 | 97.7 | 97.9 | 98.2 | 98.2 | 9 |
| GE 2000 | | 86.1 | 92.7 | 95.1 | 96.8 | 96.8 | 97.5 | 97.8 | 97.9 | 97.9 | 98.1 | 98.3 | 98.6 | 98.6 | 9 |
| GE 1800 | | 86.1 | 92.7 | 95.1 | 96.8 | 96.8 | 97.5 | 97.8 | 97.9 | 97.9 | 98.1 | 98.3 | 98.6 | 98.6 | 9 |
| GE 1500 | | 86.2 | 92.8 | 95.3 | 96.9 | 97.0 | 97.6 | 98.0 | 98.1 | 98.1 | 98.3 | 98.5 | 98.8 | 98.8 | 9 |
| GE 1200 | | 86.2 | 92.8 | 95.3 | 96.9 | 97.0 | 97.6 | 98.0 | 98.1 | 98.1 | 98.3 | 98.5 | 98.8 | 98.8 | 9 |
| GE 1000 | | 86.2 | 92.8 | 95.3 | 97.0 | 97.1 | 97.7 | 98.1 | 98.2 | 98.2 | 98.4 | 98.6 | 98.9 | 98.9 | 9 |
| GE 900 | | 86.2 | 92.8 | 95.3 | 97.0 | 97.1 | 97.7 | 98.1 | 98.2 | 98.2 | 98.4 | 98.6 | 98.9 | 98.9 | 9 |
| GE 800 | | 86.2 | 92.9 | 95.4 | 97.1 | 97.1 | 97.8 | 98.2 | 98.3 | 98.3 | 98.5 | 98.7 | 99.0 | 99.0 | 9 |
| GE 700 | | 86.2 | 92.9 | 95.4 | 97.1 | 97.1 | 97.8 | 98.2 | 98.3 | 98.3 | 98.5 | 98.7 | 99.0 | 99.0 | 9 |
| GE 600 | | 86.2 | 92.9 | 95.4 | 97.1 | 97.1 | 97.8 | 98.2 | 98.3 | 98.3 | 98.5 | 98.7 | 99.0 | 99.0 | 9 |
| GE 500 | | 86.2 | 93.0 | 95.5 | 97.2 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 99.1 | 99.1 | 9 |
| GE 400 | | 86.2 | 93.0 | 95.5 | 97.2 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 99.1 | 99.2 | 9 |
| GE 300 | | 86.2 | 93.0 | 95.5 | 97.2 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 99.1 | 99.2 | 9 |
| GE 200 | | 86.2 | 93.0 | 95.5 | 97.2 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 99.1 | 99.2 | 9 |
| GE 100 | | 86.2 | 93.0 | 95.5 | 97.2 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 99.1 | 99.2 | 9 |
| GE 0 | | 86.2 | 93.0 | 95.5 | 97.2 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 99.1 | 99.2 | 1 |

TOTAL NUMBER OF OBSERVATIONS: 5883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | 88.6 | 90.8 | 91.7 | 93.2 | 93.4 | 93.7 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 95.0 | | |
| GE 4500 | 88.9 | 90.9 | 91.8 | 93.4 | 93.5 | 93.8 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 95.2 | | |
| GE 4000 | 89.3 | 91.3 | 92.1 | 93.7 | 93.8 | 94.3 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 95.7 | | |
| GE 3500 | 89.6 | 91.7 | 92.5 | 94.1 | 94.2 | 94.7 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 96.0 | | |
| GE 3000 | 91.7 | 94.4 | 95.3 | 96.9 | 97.0 | 97.5 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.1 | 98.8 | | |
| GE 2500 | 92.0 | 95.0 | 95.9 | 97.5 | 97.6 | 98.1 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 99.4 | | |
| GE 2000 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 1800 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 1500 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 1200 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 1000 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 900 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 800 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 700 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 600 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 500 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 400 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 300 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.9 | | |
| GE 200 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 100.0 | | |
| GE 100 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 100.0 | | |
| GE 0 | 92.4 | 95.5 | 96.4 | 97.9 | 98.1 | 98.6 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS: 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.7 | 89.5 | 90.5 | 91.3 | 91.3 | 91.7 | 92.0 | 92.1 | 92.1 | 92.3 | 92.6 | 92.8 | 92.8 | 93.7 | |
| GE 4500 | | 86.1 | 89.8 | 90.9 | 91.6 | 91.6 | 92.1 | 92.3 | 92.5 | 92.5 | 92.7 | 92.9 | 93.2 | 93.2 | 94.0 | |
| GE 4000 | | 87.3 | 91.0 | 92.2 | 92.9 | 92.9 | 93.4 | 93.7 | 93.8 | 93.8 | 94.0 | 94.3 | 94.5 | 94.5 | 95.3 | |
| GE 3500 | | 87.7 | 91.4 | 92.6 | 93.3 | 93.3 | 93.8 | 94.0 | 94.1 | 94.1 | 94.4 | 94.6 | 94.9 | 94.9 | 95.7 | |
| GE 3000 | | 89.8 | 94.0 | 95.2 | 96.0 | 96.0 | 96.6 | 97.1 | 97.2 | 97.2 | 97.5 | 97.7 | 98.0 | 98.0 | 98.8 | |
| GE 2500 | | 89.8 | 94.3 | 95.6 | 96.4 | 96.4 | 97.0 | 97.5 | 97.6 | 97.6 | 97.8 | 98.1 | 98.3 | 98.3 | 99.2 | |
| GE 2000 | | 89.8 | 94.3 | 95.6 | 96.4 | 96.4 | 97.0 | 97.5 | 97.6 | 97.6 | 97.8 | 98.1 | 98.3 | 98.3 | 99.2 | |
| GE 1800 | | 89.8 | 94.3 | 95.6 | 96.4 | 96.4 | 97.0 | 97.5 | 97.6 | 97.6 | 97.8 | 98.1 | 98.3 | 98.3 | 99.2 | |
| GE 1500 | | 89.8 | 94.3 | 95.7 | 96.5 | 96.5 | 97.1 | 97.6 | 97.7 | 97.7 | 98.0 | 98.2 | 98.4 | 98.4 | 99.3 | |
| GE 1200 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.1 | 98.3 | 98.6 | 98.6 | 99.4 | |
| GE 1000 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 900 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 800 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 700 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 600 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 500 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 400 | | 89.9 | 94.4 | 95.8 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 98.2 | 98.4 | 98.7 | 98.7 | 99.5 | |
| GE 300 | | 90.1 | 94.5 | 95.9 | 96.8 | 96.8 | 97.4 | 97.8 | 98.0 | 98.0 | 98.3 | 98.6 | 98.8 | 98.8 | 99.6 | |
| GE 200 | | 90.1 | 94.5 | 95.9 | 96.8 | 96.8 | 97.4 | 97.8 | 98.0 | 98.0 | 98.3 | 98.6 | 98.8 | 98.8 | 99.6 | |
| GE 100 | | 90.1 | 94.5 | 95.9 | 96.8 | 96.8 | 97.4 | 97.8 | 98.0 | 98.0 | 98.3 | 98.6 | 98.8 | 98.8 | 99.6 | |
| GE 0 | | 90.1 | 94.5 | 95.9 | 96.8 | 96.8 | 97.4 | 97.8 | 98.0 | 98.0 | 98.3 | 98.6 | 98.8 | 98.8 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 74.0 | 81.2 | 83.9 | 86.2 | 86.6 | 87.7 | 88.5 | 88.8 | 88.8 | 89.0 | 89.1 | 89.5 | 89.5 | 90.2 | |
| GE 4500 | | 74.1 | 81.3 | 84.0 | 86.4 | 86.7 | 87.9 | 88.6 | 89.0 | 89.0 | 89.1 | 89.2 | 89.6 | 89.6 | 90.3 | |
| GE 4000 | | 76.2 | 83.6 | 86.5 | 88.8 | 89.2 | 90.3 | 91.1 | 91.4 | 91.4 | 91.6 | 91.7 | 92.1 | 92.1 | 92.8 | |
| GE 3500 | | 77.2 | 84.6 | 87.5 | 89.8 | 90.2 | 91.3 | 92.1 | 92.4 | 92.4 | 92.6 | 92.7 | 93.1 | 93.1 | 93.8 | |
| GE 3000 | | 80.5 | 88.7 | 91.6 | 93.9 | 94.3 | 95.4 | 96.3 | 96.7 | 96.7 | 96.8 | 96.9 | 97.3 | 97.3 | 98.0 | |
| GE 2500 | | 80.8 | 89.1 | 91.9 | 94.3 | 94.7 | 95.8 | 96.8 | 97.1 | 97.1 | 97.3 | 97.4 | 97.8 | 97.8 | 98.5 | |
| GE 2000 | | 80.9 | 89.3 | 92.2 | 94.5 | 94.9 | 96.0 | 97.0 | 97.4 | 97.4 | 97.5 | 97.6 | 98.0 | 98.0 | 98.8 | |
| GE 1800 | | 80.9 | 89.3 | 92.2 | 94.5 | 94.9 | 96.0 | 97.0 | 97.4 | 97.4 | 97.5 | 97.6 | 98.0 | 98.0 | 98.8 | |
| GE 1500 | | 80.9 | 89.5 | 92.3 | 94.7 | 95.0 | 96.3 | 97.3 | 97.6 | 97.6 | 97.8 | 97.9 | 98.3 | 98.3 | 99.0 | |
| GE 1200 | | 80.9 | 89.5 | 92.3 | 94.7 | 95.0 | 96.3 | 97.3 | 97.6 | 97.6 | 97.8 | 97.9 | 98.3 | 98.3 | 99.0 | |
| GE 1000 | | 81.0 | 90.0 | 92.8 | 95.2 | 95.5 | 96.8 | 97.8 | 98.1 | 98.1 | 98.3 | 98.4 | 98.8 | 98.8 | 99.5 | |
| GE 900 | | 81.0 | 90.0 | 92.8 | 95.2 | 95.5 | 96.8 | 97.8 | 98.1 | 98.1 | 98.3 | 98.4 | 98.8 | 98.8 | 99.5 | |
| GE 800 | | 81.2 | 90.1 | 92.9 | 95.3 | 95.7 | 96.9 | 97.9 | 98.3 | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.6 | |
| GE 700 | | 81.2 | 90.1 | 92.9 | 95.3 | 95.7 | 96.9 | 97.9 | 98.3 | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.6 | |
| GE 600 | | 81.2 | 90.1 | 92.9 | 95.3 | 95.7 | 96.9 | 97.9 | 98.3 | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.6 | |
| GE 500 | | 81.3 | 90.2 | 93.1 | 95.4 | 95.8 | 97.0 | 98.0 | 98.4 | 98.4 | 98.5 | 98.6 | 99.0 | 99.0 | 99.8 | |
| GE 400 | | 81.3 | 90.2 | 93.1 | 95.4 | 95.8 | 97.0 | 98.0 | 98.4 | 98.4 | 98.5 | 98.6 | 99.0 | 99.0 | 99.8 | |
| GE 300 | | 81.4 | 90.3 | 93.2 | 95.5 | 95.9 | 97.1 | 98.1 | 98.5 | 98.5 | 98.6 | 98.8 | 99.1 | 99.1 | 99.9 | |
| GE 200 | | 81.4 | 90.3 | 93.2 | 95.5 | 95.9 | 97.1 | 98.1 | 98.5 | 98.5 | 98.6 | 98.8 | 99.1 | 99.1 | 99.9 | |
| GE 100 | | 81.4 | 90.3 | 93.2 | 95.5 | 95.9 | 97.1 | 98.1 | 98.5 | 98.5 | 98.6 | 98.8 | 99.1 | 99.1 | 99.9 | |
| GE 0 | | 81.4 | 90.3 | 93.2 | 95.5 | 95.9 | 97.1 | 98.1 | 98.5 | 98.5 | 98.6 | 98.8 | 99.1 | 99.1 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 79.3 | 84.8 | 87.1 | 88.8 | 89.0 | 90.1 | 91.0 | 91.9 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.6 |
| GE 4500 | | | 79.3 | 84.8 | 87.1 | 88.8 | 89.0 | 90.1 | 91.0 | 91.9 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.6 |
| GE 4000 | | | 81.3 | 87.1 | 89.5 | 91.3 | 91.4 | 92.6 | 93.5 | 94.3 | 94.3 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 |
| GE 3500 | | | 82.0 | 87.8 | 90.2 | 92.0 | 92.1 | 93.3 | 94.2 | 95.0 | 95.0 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 |
| GE 3000 | | | 83.8 | 90.2 | 92.8 | 94.8 | 94.9 | 96.0 | 97.1 | 97.9 | 97.9 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 |
| GE 2500 | | | 83.8 | 90.2 | 92.8 | 95.0 | 95.1 | 96.3 | 97.3 | 98.1 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 |
| GE 2000 | | | 84.0 | 90.5 | 93.0 | 95.2 | 95.3 | 96.5 | 97.6 | 98.4 | 98.4 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 |
| GE 1800 | | | 84.0 | 90.5 | 93.1 | 95.3 | 95.5 | 96.6 | 97.7 | 98.5 | 98.5 | 98.8 | 99.1 | 99.2 | 99.2 | 99.3 |
| GE 1500 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.0 | 98.8 | 98.8 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 |
| GE 1200 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.0 | 98.8 | 98.8 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 |
| GE 1000 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.0 | 98.8 | 98.8 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 |
| GE 900 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.0 | 98.8 | 98.8 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 |
| GE 800 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.1 | 99.0 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 |
| GE 700 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.1 | 99.0 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 |
| GE 600 | | | 84.0 | 90.6 | 93.3 | 95.5 | 95.6 | 96.9 | 98.1 | 99.0 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 |
| GE 500 | | | 84.0 | 90.7 | 93.5 | 95.7 | 95.8 | 97.1 | 98.4 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 400 | | | 84.0 | 90.7 | 93.5 | 95.7 | 95.8 | 97.1 | 98.4 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 300 | | | 84.0 | 90.7 | 93.5 | 95.7 | 95.8 | 97.1 | 98.4 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 200 | | | 84.0 | 90.7 | 93.5 | 95.7 | 95.8 | 97.1 | 98.4 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 100 | | | 84.0 | 90.7 | 93.5 | 95.7 | 95.8 | 97.1 | 98.4 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 0 | | | 84.0 | 90.7 | 93.5 | 95.7 | 95.8 | 97.1 | 98.4 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 78.4 | 84.3 | 86.7 | 88.0 | 88.0 | 89.2 | 90.1 | 90.3 | 90.5 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 4500 | | | 78.5 | 84.4 | 86.8 | 88.1 | 88.1 | 89.4 | 90.2 | 90.4 | 90.6 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 4000 | | | 80.5 | 86.5 | 88.9 | 90.2 | 90.2 | 91.5 | 92.3 | 92.5 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 3500 | | | 80.8 | 87.0 | 89.4 | 90.6 | 90.6 | 91.9 | 92.7 | 93.0 | 93.2 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 3000 | | | 83.7 | 91.0 | 93.6 | 95.1 | 95.1 | 96.5 | 97.3 | 97.5 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 2500 | | | 84.1 | 91.3 | 93.9 | 95.6 | 95.6 | 97.0 | 97.8 | 98.0 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 2000 | | | 84.1 | 91.3 | 93.9 | 95.6 | 95.6 | 97.0 | 97.8 | 98.0 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1800 | | | 84.1 | 91.3 | 93.9 | 95.6 | 95.6 | 97.0 | 97.8 | 98.0 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1500 | | | 84.2 | 91.5 | 94.0 | 95.8 | 95.8 | 97.2 | 98.0 | 98.2 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 1200 | | | 84.3 | 91.6 | 94.2 | 95.9 | 95.9 | 97.3 | 98.1 | 98.4 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1000 | | | 84.3 | 91.8 | 94.4 | 96.1 | 96.1 | 97.7 | 98.5 | 98.7 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | | | 84.3 | 91.8 | 94.4 | 96.1 | 96.1 | 97.7 | 98.5 | 98.7 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | | | 84.3 | 91.8 | 94.4 | 96.1 | 96.1 | 97.7 | 98.5 | 98.7 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | | | 84.3 | 91.8 | 94.4 | 96.1 | 96.1 | 97.7 | 98.5 | 98.7 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | | | 84.3 | 91.8 | 94.4 | 96.1 | 96.1 | 97.7 | 98.5 | 98.7 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | | | 84.3 | 91.9 | 94.6 | 96.4 | 96.4 | 97.9 | 98.7 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | | 84.3 | 91.9 | 94.6 | 96.4 | 96.4 | 97.9 | 98.7 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | | 84.3 | 91.9 | 94.6 | 96.4 | 96.4 | 97.9 | 98.7 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | | 84.3 | 91.9 | 94.6 | 96.4 | 96.4 | 97.9 | 98.7 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | | 84.3 | 91.9 | 94.6 | 96.4 | 96.4 | 97.9 | 98.7 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | | 84.3 | 91.9 | 94.6 | 96.4 | 96.4 | 97.9 | 98.7 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 855

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 82.5 | 87.5 | 89.0 | 90.0 | 90.1 | 90.7 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | |
| GE 4500 | | 82.5 | 87.5 | 89.0 | 90.0 | 90.1 | 90.7 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | |
| GE 4000 | | 84.7 | 89.8 | 91.5 | 92.6 | 92.7 | 93.4 | 93.9 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | |
| GE 3500 | | 85.3 | 90.4 | 92.1 | 93.4 | 93.5 | 94.2 | 94.7 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.4 | |
| GE 3000 | | 87.6 | 93.2 | 95.0 | 96.4 | 96.5 | 97.3 | 97.8 | 98.1 | 98.1 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | |
| GE 2500 | | 88.2 | 93.7 | 95.6 | 97.0 | 97.1 | 97.9 | 98.4 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | |
| GE 2000 | | 88.3 | 93.9 | 95.7 | 97.1 | 97.2 | 98.0 | 98.5 | 98.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | |
| GE 1800 | | 88.3 | 93.9 | 95.7 | 97.1 | 97.2 | 98.0 | 98.5 | 98.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | |
| GE 1500 | | 88.3 | 94.0 | 95.8 | 97.2 | 97.3 | 98.1 | 98.6 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 1200 | | 88.3 | 94.0 | 95.9 | 97.3 | 97.4 | 98.3 | 98.7 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | |
| GE 1000 | | 88.4 | 94.1 | 96.1 | 97.4 | 97.6 | 98.4 | 98.8 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 900 | | 88.4 | 94.1 | 96.1 | 97.4 | 97.6 | 98.4 | 98.8 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 800 | | 88.4 | 94.1 | 96.1 | 97.4 | 97.6 | 98.4 | 98.8 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 700 | | 88.4 | 94.1 | 96.1 | 97.4 | 97.6 | 98.4 | 98.8 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 600 | | 88.4 | 94.1 | 96.1 | 97.4 | 97.6 | 98.4 | 98.8 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 500 | | 88.4 | 94.1 | 96.1 | 97.4 | 97.6 | 98.4 | 98.8 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 400 | | 88.4 | 94.1 | 96.1 | 97.6 | 97.7 | 98.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 88.4 | 94.1 | 96.1 | 97.6 | 97.7 | 98.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 88.4 | 94.1 | 96.1 | 97.6 | 97.7 | 98.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 88.4 | 94.1 | 96.1 | 97.6 | 97.7 | 98.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 88.4 | 94.1 | 96.1 | 97.6 | 97.7 | 98.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1400-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.1 | 89.9 | 91.0 | 91.9 | 91.9 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| GE 4500 | | 85.1 | 89.9 | 91.0 | 91.9 | 91.9 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| GE 4000 | | 87.3 | 92.4 | 93.5 | 94.3 | 94.3 | 94.8 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | |
| GE 3500 | | 87.9 | 93.0 | 94.1 | 95.0 | 95.0 | 95.4 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | |
| GE 3000 | | 90.0 | 95.8 | 96.9 | 98.0 | 98.0 | 98.5 | 99.0 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 2500 | | 90.3 | 96.1 | 97.2 | 98.3 | 98.3 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 2000 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 90.5 | 96.3 | 97.4 | 98.5 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 89.6 | 92.0 | 92.7 | 93.7 | 93.7 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | |
| GE 4500 | | 89.6 | 92.0 | 92.7 | 93.7 | 93.7 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | |
| GE 4000 | | 91.2 | 93.5 | 94.4 | 95.4 | 95.4 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 | |
| GE 3500 | | 91.5 | 93.9 | 94.8 | 95.7 | 95.7 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | |
| GE 3000 | | 93.1 | 96.2 | 97.1 | 98.1 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 2500 | | 93.1 | 96.2 | 97.1 | 98.1 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 2000 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 1800 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 1500 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 1200 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 1000 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 900 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 800 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 700 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 600 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 500 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 400 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.2 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| GE 300 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 93.1 | 96.2 | 97.2 | 98.2 | 98.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 82.9 | 87.5 | 89.1 | 90.4 | 90.5 | 91.2 | 91.7 | 92.0 | 92.0 | 92.2 | 92.2 | 92.4 | 92.4 | 92.7 |
| GE 4500 | | | 83.0 | 87.6 | 89.1 | 90.5 | 90.6 | 91.3 | 91.8 | 92.1 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 | 92.8 |
| GE 4000 | | | 84.7 | 89.4 | 91.1 | 92.4 | 92.5 | 93.3 | 93.9 | 94.1 | 94.1 | 94.4 | 94.4 | 94.6 | 94.6 | 94.9 |
| GE 3500 | | | 85.2 | 90.0 | 91.6 | 93.0 | 93.1 | 93.9 | 94.5 | 94.7 | 94.7 | 95.0 | 95.0 | 95.1 | 95.1 | 95.5 |
| GE 3000 | | | 87.5 | 92.9 | 94.7 | 96.1 | 96.2 | 97.1 | 97.7 | 98.0 | 98.0 | 98.3 | 98.4 | 98.5 | 98.5 | 98.8 |
| GE 2500 | | | 87.7 | 93.2 | 95.0 | 96.5 | 96.6 | 97.5 | 98.1 | 98.4 | 98.4 | 98.7 | 98.8 | 98.9 | 98.9 | 99.2 |
| GE 2000 | | | 87.9 | 93.4 | 95.2 | 96.7 | 96.8 | 97.7 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 |
| GE 1800 | | | 87.9 | 93.4 | 95.2 | 96.7 | 96.8 | 97.7 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 |
| GE 1500 | | | 87.9 | 93.5 | 95.3 | 96.8 | 96.9 | 97.8 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.6 |
| GE 1200 | | | 87.9 | 93.5 | 95.3 | 96.8 | 96.9 | 97.9 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.6 |
| GE 1000 | | | 87.9 | 93.6 | 95.4 | 96.9 | 97.0 | 98.0 | 98.6 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 |
| GE 900 | | | 87.9 | 93.6 | 95.4 | 96.9 | 97.0 | 98.0 | 98.6 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 |
| GE 800 | | | 88.0 | 93.6 | 95.4 | 96.9 | 97.0 | 98.0 | 98.7 | 98.9 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.8 |
| GE 700 | | | 88.0 | 93.6 | 95.4 | 96.9 | 97.0 | 98.0 | 98.7 | 98.9 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.8 |
| GE 600 | | | 88.0 | 93.6 | 95.4 | 96.9 | 97.0 | 98.0 | 98.7 | 98.9 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.8 |
| GE 500 | | | 88.0 | 93.7 | 95.5 | 97.0 | 97.1 | 98.1 | 98.7 | 99.0 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.9 |
| GE 400 | | | 88.0 | 93.7 | 95.5 | 97.0 | 97.1 | 98.1 | 98.7 | 99.0 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.9 |
| GE 300 | | | 88.0 | 93.7 | 95.5 | 97.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.9 |
| GE 200 | | | 88.0 | 93.7 | 95.5 | 97.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.9 |
| GE 100 | | | 88.0 | 93.7 | 95.5 | 97.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.9 |
| GE 0 | | | 88.0 | 93.7 | 95.5 | 97.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 6561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 93.9 | 96.9 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 4500 | | | 93.9 | 96.9 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 4000 | | | 94.9 | 97.9 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 3500 | | | 95.0 | 98.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 3000 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | | 95.8 | 98.8 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 91.3 | 94.7 | 95.9 | 96.7 | 96.8 | 97.2 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 |
| GE 4500 | | 91.3 | 94.7 | 95.9 | 96.7 | 96.8 | 97.2 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 |
| GE 4000 | | 91.6 | 95.1 | 96.3 | 97.1 | 97.2 | 97.6 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.4 |
| GE 3500 | | 92.0 | 95.4 | 96.7 | 97.5 | 97.6 | 98.0 | 98.1 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 |
| GE 3000 | | 92.9 | 96.3 | 97.6 | 98.4 | 98.5 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| GE 2500 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 2000 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 1800 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 1500 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 1200 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 1000 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 900 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 800 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 700 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 600 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 500 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 400 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 300 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 200 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 100 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 |
| GE 0 | | 93.2 | 96.6 | 97.8 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 78.9 | 87.5 | 90.6 | 91.8 | 91.8 | 93.8 | 94.1 | 94.5 | 94.9 | 95.0 | 95.2 | 95.3 | 95.3 | 95.3 | |
| GE 4500 | | 78.9 | 87.5 | 90.6 | 91.8 | 91.8 | 93.8 | 94.1 | 94.5 | 94.9 | 95.0 | 95.2 | 95.3 | 95.3 | 95.3 | |
| GE 4000 | | 80.4 | 89.0 | 92.1 | 93.4 | 93.4 | 95.3 | 95.7 | 96.1 | 96.4 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | |
| GE 3500 | | 81.1 | 89.8 | 92.9 | 94.1 | 94.1 | 96.1 | 96.4 | 96.8 | 97.2 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | |
| GE 3000 | | 82.8 | 91.6 | 94.6 | 95.9 | 95.9 | 97.8 | 98.2 | 98.6 | 99.0 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 2500 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 83.2 | 92.0 | 95.0 | 96.3 | 96.3 | 98.2 | 98.6 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | 78.7 | 86.7 | 89.8 | 91.3 | 91.3 | 93.9 | 94.6 | 95.1 | 95.2 | 95.8 | 96.1 | 96.5 | 96.5 | 96.7 | | |
| GE 4500 | 78.7 | 86.7 | 89.8 | 91.3 | 91.3 | 93.9 | 94.6 | 95.1 | 95.2 | 95.8 | 96.1 | 96.5 | 96.5 | 96.7 | | |
| GE 4000 | 80.0 | 88.3 | 91.3 | 92.9 | 92.9 | 95.4 | 96.1 | 96.7 | 96.9 | 97.5 | 97.8 | 98.2 | 98.2 | 98.4 | | |
| GE 3500 | 80.1 | 88.4 | 91.4 | 93.0 | 93.0 | 95.5 | 96.3 | 96.9 | 97.0 | 97.6 | 98.0 | 98.3 | 98.3 | 98.6 | | |
| GE 3000 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.3 | 98.0 | 98.1 | 98.7 | 99.0 | 99.4 | 99.4 | 99.6 | | |
| GE 2500 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 2000 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 1800 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 1500 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 1200 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 1000 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 900 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 800 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 700 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 600 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 500 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 400 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | | |
| GE 300 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 100.0 | | |
| GE 200 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 100.0 | | |
| GE 100 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 100.0 | | |
| GE 0 | 80.7 | 89.5 | 92.5 | 94.1 | 94.1 | 96.6 | 97.5 | 98.1 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404163 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 7/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 83.9 | 91.0 | 93.3 | 95.1 | 95.2 | 96.5 | 97.3 | 97.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.3 | 98.4 | |
| GE 4500 | | 83.9 | 91.0 | 93.3 | 95.1 | 95.2 | 96.5 | 97.3 | 97.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.3 | 98.4 | |
| GE 4000 | | 84.4 | 91.5 | 93.9 | 95.7 | 95.9 | 97.2 | 97.9 | 98.3 | 98.4 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | |
| GE 3500 | | 84.6 | 91.8 | 94.2 | 96.0 | 96.1 | 97.4 | 98.2 | 98.6 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | |
| GE 3000 | | 85.1 | 92.4 | 94.7 | 96.6 | 96.7 | 98.0 | 98.8 | 99.2 | 99.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9 | |
| GE 2500 | | 85.1 | 92.4 | 94.8 | 96.6 | 96.7 | 98.1 | 98.8 | 99.2 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | |
| GE 2000 | | 85.1 | 92.4 | 94.8 | 96.6 | 96.8 | 98.1 | 98.8 | 99.3 | 99.3 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 | |
| GE 1800 | | 85.1 | 92.4 | 94.8 | 96.6 | 96.8 | 98.1 | 98.8 | 99.3 | 99.3 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 | |
| GE 1500 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 1200 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 1000 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 900 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 800 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 700 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 600 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 500 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 400 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 85.1 | 92.4 | 94.8 | 96.7 | 96.8 | 98.1 | 98.9 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 93.9 | 95.9 | 97.1 | 98.3 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| GE 4500 | | 93.9 | 95.9 | 97.1 | 98.3 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| GE 4000 | | 94.4 | 96.3 | 97.7 | 98.9 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 3500 | | 94.6 | 96.6 | 97.9 | 99.1 | 99.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 3000 | | 94.6 | 96.7 | 98.1 | 99.3 | 99.3 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 2500 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 94.9 | 96.8 | 98.2 | 99.4 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 89.0 | 93.9 | 95.2 | 96.1 | 96.6 | 97.3 | 98.0 | 98.2 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 |
| GE 4500 | | 89.0 | 93.9 | 95.2 | 96.1 | 96.6 | 97.3 | 98.0 | 98.2 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 |
| GE 4000 | | 89.3 | 94.3 | 95.6 | 96.4 | 96.9 | 97.6 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 |
| GE 3500 | | 89.5 | 94.5 | 95.8 | 96.7 | 97.1 | 97.9 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 |
| GE 3000 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 2500 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 2000 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 1800 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 1500 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 1200 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 1000 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 900 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 800 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 700 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 600 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 500 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 400 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 300 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 200 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 100 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 0 | | 90.3 | 95.2 | 96.6 | 97.4 | 97.9 | 98.6 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 81.9 | 91.1 | 92.9 | 95.0 | 95.0 | 96.9 | 97.6 | 98.4 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| GE 4500 | | 81.9 | 91.1 | 92.9 | 95.0 | 95.0 | 96.9 | 97.6 | 98.4 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| GE 4000 | | 82.2 | 91.5 | 93.4 | 95.5 | 95.5 | 97.3 | 98.0 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 3500 | | 82.2 | 91.5 | 93.4 | 95.5 | 95.5 | 97.3 | 98.0 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 3000 | | 82.7 | 92.0 | 93.8 | 95.9 | 95.9 | 97.8 | 98.5 | 99.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 2500 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 82.8 | 92.1 | 94.0 | 96.1 | 96.1 | 97.9 | 98.6 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 961

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 79.0 | 88.5 | 91.3 | 93.6 | 93.7 | 95.3 | 96.0 | 96.9 | 96.9 | 97.6 | 97.8 | 98.1 | 98.2 | 98.3 | |
| GE 4500 | | 79.0 | 88.5 | 91.3 | 93.6 | 93.7 | 95.3 | 96.0 | 96.9 | 96.9 | 97.6 | 97.8 | 98.1 | 98.2 | 98.3 | |
| GE 4000 | | 79.7 | 89.3 | 92.1 | 94.4 | 94.5 | 96.1 | 96.8 | 97.7 | 97.7 | 98.4 | 98.6 | 98.9 | 99.0 | 99.1 | |
| GE 3500 | | 79.8 | 89.4 | 92.3 | 94.5 | 94.6 | 96.2 | 96.9 | 97.8 | 97.8 | 98.5 | 98.7 | 99.0 | 99.1 | 99.2 | |
| GE 3000 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 2500 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 2000 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 1800 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 1500 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 1200 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 1000 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 900 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 800 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 700 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 600 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 500 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 400 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 300 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 200 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 100 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |
| GE 0 | | 80.4 | 90.2 | 93.1 | 95.3 | 95.4 | 97.0 | 97.7 | 98.6 | 98.6 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 70.8 | 83.6 | 87.9 | 91.3 | 91.6 | 93.7 | 95.6 | 96.2 | 96.2 | 96.5 | 96.6 | 97.4 | 97.6 | 97.7 | |
| GE 4500 | | 70.8 | 83.6 | 87.9 | 91.3 | 91.6 | 93.7 | 95.6 | 96.2 | 96.2 | 96.5 | 96.6 | 97.4 | 97.6 | 97.7 | |
| GE 4000 | | 71.0 | 83.9 | 88.5 | 91.9 | 92.1 | 94.3 | 96.1 | 96.8 | 96.8 | 97.0 | 97.1 | 97.9 | 98.2 | 98.3 | |
| GE 3500 | | 71.6 | 84.6 | 89.2 | 92.6 | 92.8 | 95.0 | 96.8 | 97.5 | 97.5 | 97.7 | 97.8 | 98.6 | 98.9 | 99.0 | |
| GE 3000 | | 71.9 | 85.3 | 89.9 | 93.3 | 93.5 | 95.8 | 97.6 | 98.3 | 98.3 | 98.5 | 98.6 | 99.5 | 99.8 | 99.9 | |
| GE 2500 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 2000 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 1800 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 1500 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 1200 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 1000 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 900 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 800 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 700 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 600 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 500 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 400 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 300 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 200 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 100 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |
| GE 0 | | 72.1 | 85.4 | 90.0 | 93.4 | 93.6 | 95.9 | 97.7 | 98.4 | 98.4 | 98.6 | 98.7 | 99.7 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 74.6 | 84.9 | 89.6 | 92.4 | 92.4 | 94.8 | 95.8 | 96.2 | 96.3 | 96.4 | 96.8 | 97.0 | 97.0 | 97.0 | |
| GE 4500 | | 74.6 | 84.9 | 89.6 | 92.4 | 92.4 | 94.8 | 95.8 | 96.2 | 96.3 | 96.4 | 96.8 | 97.0 | 97.0 | 97.0 | |
| GE 4000 | | 75.3 | 85.8 | 90.7 | 93.7 | 93.7 | 96.2 | 97.3 | 97.6 | 97.7 | 97.9 | 98.2 | 98.5 | 98.5 | 98.5 | |
| GE 3500 | | 75.6 | 86.1 | 91.1 | 94.0 | 94.0 | 96.5 | 97.6 | 98.0 | 98.1 | 98.2 | 98.6 | 98.8 | 98.8 | 98.8 | |
| GE 3000 | | 76.3 | 86.8 | 91.8 | 94.8 | 94.8 | 97.4 | 98.5 | 98.8 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | |
| GE 2500 | | 76.3 | 86.8 | 91.8 | 94.8 | 94.8 | 97.4 | 98.5 | 98.8 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | |
| GE 2000 | | 76.3 | 86.9 | 91.9 | 94.9 | 94.9 | 97.5 | 98.6 | 98.9 | 99.0 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | |
| GE 1800 | | 76.3 | 86.9 | 91.9 | 94.9 | 94.9 | 97.5 | 98.6 | 98.9 | 99.0 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | |
| GE 1500 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 1200 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 1000 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 900 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 800 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 700 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 600 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 500 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | |
| GE 400 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 76.3 | 87.0 | 92.0 | 95.0 | 95.0 | 97.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 90.9 | 95.1 | 95.7 | 96.7 | 96.8 | 97.6 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 |
| GE 4500 | | 90.9 | 95.1 | 95.7 | 96.7 | 96.8 | 97.6 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 |
| GE 4000 | | 91.2 | 95.6 | 96.2 | 97.2 | 97.3 | 98.0 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 |
| GE 3500 | | 91.7 | 96.1 | 96.7 | 97.7 | 97.8 | 98.5 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 |
| GE 3000 | | 91.8 | 96.3 | 97.0 | 97.9 | 98.0 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 |
| GE 2500 | | 91.8 | 96.3 | 97.0 | 97.9 | 98.0 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 |
| GE 2000 | | 91.8 | 96.3 | 97.1 | 98.0 | 98.2 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 1800 | | 91.8 | 96.3 | 97.1 | 98.0 | 98.2 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| GE 1500 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 1200 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 1000 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 900 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 800 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 700 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 600 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 500 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 400 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 300 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 200 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 100 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| GE 0 | | 91.8 | 96.3 | 97.1 | 98.2 | 98.3 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 92.6 | 95.8 | 97.1 | 97.8 | 97.8 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | |
| GE 4500 | | 92.8 | 95.8 | 97.1 | 97.8 | 97.8 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | |
| GE 4000 | | 93.3 | 96.3 | 97.5 | 98.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.3 | |
| GE 3500 | | 93.4 | 96.4 | 97.7 | 98.4 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | |
| GE 3000 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 2500 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 2000 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1800 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1500 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1200 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1000 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 900 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 800 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 700 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 600 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 500 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 400 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 93.9 | 97.1 | 98.3 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.8 | 90.6 | 92.8 | 94.2 | 94.2 | 95.5 | 95.9 | 96.2 | 96.3 | 96.5 | 96.7 | 96.8 | 96.8 | 96 | |
| GE 4500 | | 85.8 | 90.9 | 92.8 | 94.2 | 94.2 | 95.5 | 95.9 | 96.2 | 96.3 | 96.6 | 96.7 | 96.9 | 96.9 | 96 | |
| GE 4000 | | 86.8 | 91.9 | 93.9 | 95.3 | 95.4 | 96.6 | 97.0 | 97.3 | 97.5 | 97.7 | 97.9 | 98.0 | 98.0 | 98 | |
| GE 3500 | | 87.2 | 92.4 | 94.4 | 95.8 | 95.8 | 97.1 | 97.5 | 97.8 | 97.9 | 98.2 | 98.3 | 98.5 | 98.5 | 98 | |
| GE 3000 | | 88.2 | 93.5 | 95.6 | 96.9 | 97.0 | 98.3 | 98.7 | 99.0 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99 | |
| GE 2500 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.8 | 99.2 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99 | |
| GE 2000 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.8 | 99.2 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99 | |
| GE 1800 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 1500 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 1200 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 1000 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 900 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 800 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 700 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 600 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 500 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 400 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 99 | |
| GE 300 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 99.9 | 100 | |
| GE 200 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 100 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 0 | | 88.4 | 93.7 | 95.7 | 97.1 | 97.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.8 | 99.9 | 99.9 | 100 | |

TOTAL NUMBER OF OBSERVATIONS: 6521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 93.0 | 95.8 | 96.1 | 97.3 | 97.3 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 96.0 | |
| GE 4500 | | 93.0 | 95.8 | 96.1 | 97.3 | 97.3 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | |
| GE 4000 | | 93.5 | 96.3 | 96.6 | 97.8 | 97.8 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| GE 3500 | | 93.6 | 96.4 | 96.8 | 97.9 | 97.9 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 96.6 | |
| GE 3000 | | 94.5 | 97.3 | 97.6 | 98.8 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 2500 | | 94.8 | 97.5 | 97.9 | 99.0 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 2000 | | 94.8 | 97.5 | 97.9 | 99.0 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 1800 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 94.9 | 97.6 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1900-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 7/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 88.2 | 91.7 | 93.4 | 94.8 | 94.8 | 95.7 | 96.0 | 96.3 | 96.3 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE 4500 | | 88.2 | 91.7 | 93.4 | 94.8 | 94.8 | 95.7 | 96.0 | 96.3 | 96.3 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE 4000 | | 89.2 | 92.7 | 94.5 | 95.9 | 95.9 | 96.8 | 97.1 | 97.4 | 97.4 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | |
| GE 3500 | | 89.8 | 93.4 | 95.4 | 96.6 | 96.8 | 97.6 | 98.0 | 98.3 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | |
| GE 3000 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 90.8 | 94.4 | 96.5 | 97.9 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 81.2 | 87.5 | 90.2 | 92.8 | 92.8 | 94.3 | 94.9 | 95.3 | 95.3 | 95.7 | 96.0 | 96.1 | 96.1 | 96. | |
| GE 4500 | | 81.2 | 87.5 | 90.2 | 92.8 | 92.8 | 94.3 | 94.9 | 95.3 | 95.3 | 95.7 | 96.0 | 96.1 | 96.1 | 96. | |
| GE 4000 | | 82.5 | 88.8 | 91.5 | 94.0 | 94.0 | 95.6 | 96.1 | 96.6 | 96.6 | 97.0 | 97.3 | 97.4 | 97.4 | 97. | |
| GE 3500 | | 83.2 | 89.5 | 92.2 | 94.7 | 94.7 | 96.3 | 96.8 | 97.3 | 97.3 | 97.7 | 98.0 | 98.1 | 98.1 | 98. | |
| GE 3000 | | 84.6 | 91.1 | 93.8 | 96.4 | 96.4 | 97.9 | 98.5 | 98.9 | 98.9 | 99.3 | 99.6 | 99.8 | 99.8 | 99. | |
| GE 2500 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100. | |
| GE 2000 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100. | |
| GE 1800 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100. | |
| GE 1500 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100. | |
| GE 1200 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100. | |
| GE 1000 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 900 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 800 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 700 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 600 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 500 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 400 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 300 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 200 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 100 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |
| GE 0 | | 84.7 | 91.2 | 93.9 | 96.5 | 96.5 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.8 | 99.9 | 99.9 | 100 | |

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | G |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| E 5000 | | 81.5 | 86.5 | 89.2 | 91.1 | 91.2 | 93.4 | 94.3 | 94.8 | 95.0 | 95.5 | 95.9 | 96.2 | 96.2 | 9 |
| GE 4500 | | 81.5 | 86.6 | 89.3 | 91.2 | 91.4 | 93.5 | 94.4 | 94.9 | 95.1 | 95.6 | 96.0 | 96.3 | 96.3 | 9 |
| GE 4000 | | 82.6 | 87.9 | 90.8 | 92.8 | 92.9 | 95.0 | 96.0 | 96.4 | 96.7 | 97.2 | 97.5 | 97.9 | 97.9 | 9 |
| GE 3500 | | 83.2 | 88.5 | 91.4 | 93.4 | 93.5 | 95.6 | 96.6 | 97.0 | 97.3 | 97.8 | 98.1 | 98.5 | 98.5 | 9 |
| GE 3000 | | 84.4 | 89.7 | 92.5 | 94.6 | 94.7 | 96.8 | 97.8 | 98.2 | 98.5 | 98.9 | 99.3 | 99.6 | 99.6 | 9 |
| GE 2500 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 2000 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 1800 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 1500 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 1200 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 1000 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 900 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 800 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 700 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 600 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 500 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 400 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 300 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 9 |
| GE 200 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.6 | 100.0 | 100.0 | 10 |
| GE 100 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.6 | 100.0 | 100.0 | 10 |
| GE 0 | | 84.5 | 89.8 | 92.7 | 94.7 | 94.8 | 97.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.6 | 100.0 | 100.0 | 10 |

TOTAL NUMBER OF OBSERVATIONS: 945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | |
| GE 5000 | 81.7 | 88.3 | 91.4 | 94.8 | 94.8 | 97.6 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 9 |
| GE 4500 | 81.7 | 88.3 | 91.4 | 94.8 | 94.8 | 97.6 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 9 |
| GE 4000 | 81.7 | 88.3 | 91.4 | 94.8 | 94.8 | 97.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 9 |
| GE 3500 | 81.7 | 88.3 | 91.4 | 94.8 | 94.8 | 97.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 9 |
| GE 3000 | 81.7 | 88.3 | 91.4 | 94.8 | 94.8 | 97.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 9 |
| GE 2500 | 81.7 | 88.3 | 91.4 | 94.8 | 94.8 | 97.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 9 |
| GE 2000 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 1800 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 1500 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 1200 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 1000 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 900 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 800 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 700 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 600 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 500 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 400 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 300 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 200 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 100 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| GE 0 | 81.8 | 88.5 | 91.6 | 95.1 | 95.1 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |

TOTAL NUMBER OF OBSERVATIONS: 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0300-05(

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | |
| GE 5000 | | 75.2 | 82.8 | 85.3 | 88.2 | 88.6 | 94.7 | 97.0 | 98.1 | 98.4 | 99.0 | 99.4 | 99.5 | 99.5 |
| GE 4500 | | 75.2 | 82.8 | 85.3 | 88.2 | 88.6 | 94.7 | 97.0 | 98.1 | 98.4 | 99.0 | 99.4 | 99.5 | 99.5 |
| GE 4000 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 3500 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 3000 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 2500 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 2000 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 1800 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 1500 | | 75.3 | 83.0 | 85.5 | 88.3 | 88.7 | 94.9 | 97.1 | 98.2 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 |
| GE 1200 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.0 | 97.2 | 98.4 | 98.6 | 99.2 | 99.6 | 99.7 | 99.7 |
| GE 1000 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.0 | 97.2 | 98.4 | 98.6 | 99.2 | 99.6 | 99.7 | 99.7 |
| GE 900 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.0 | 97.2 | 98.4 | 98.6 | 99.2 | 99.6 | 99.7 | 99.7 |
| GE 800 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.7 | 99.9 | 99.9 |
| GE 700 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 600 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 500 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 400 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 300 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 200 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 100 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |
| GE 0 | | 75.3 | 83.0 | 85.5 | 88.5 | 88.8 | 95.1 | 97.4 | 98.5 | 98.7 | 99.4 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | |
| GE 5000 | | 56.5 | 69.1 | 74.4 | 80.2 | 80.6 | 87.9 | 92.3 | 96.2 | 97.1 | 98.3 | 99.2 | 99.2 | 99.2 | 9 |
| GE 4500 | | 56.5 | 69.1 | 74.4 | 80.2 | 80.6 | 87.9 | 92.3 | 96.2 | 97.1 | 98.3 | 99.2 | 99.2 | 99.2 | 9 |
| GE 4000 | | 56.6 | 69.2 | 74.8 | 80.6 | 80.9 | 88.2 | 92.7 | 96.5 | 97.4 | 98.7 | 99.6 | 99.6 | 99.6 | 9 |
| GE 3500 | | 56.6 | 69.2 | 74.8 | 80.6 | 80.9 | 88.2 | 92.7 | 96.5 | 97.4 | 98.7 | 99.6 | 99.6 | 99.6 | 9 |
| GE 3000 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 2500 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 2000 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 1800 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 1500 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 1200 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 1000 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 900 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 800 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 700 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 600 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 500 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 400 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 300 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 200 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 100 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |
| GE 0 | | 56.6 | 69.2 | 74.8 | 80.7 | 81.1 | 88.4 | 92.8 | 96.7 | 97.6 | 98.8 | 99.7 | 99.7 | 99.7 | 1 |

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | |
| GE 5000 | | | 52.4 | 69.8 | 78.1 | 83.3 | 84.0 | 91.4 | 95.9 | 97.3 | 97.8 | 99.4 | 99.8 | 99.8 | 99.8 |
| GE 4500 | | | 52.4 | 69.8 | 78.1 | 83.3 | 84.0 | 91.4 | 95.9 | 97.3 | 97.8 | 99.4 | 99.8 | 99.8 | 99.8 |
| GE 4000 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 3500 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 3000 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 900 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 800 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 700 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 600 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 500 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 400 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 300 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 200 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 100 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 0 | | | 52.6 | 70.1 | 78.3 | 83.5 | 84.2 | 91.6 | 96.1 | 97.6 | 98.1 | 99.6 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 62.7 | 75.0 | 80.3 | 86.0 | 86.4 | 91.1 | 94.7 | 96.7 | 97.4 | 98.4 | 99.0 | 99.4 | 99.4 | 99. |
| GE 4500 | | 62.7 | 75.0 | 80.3 | 86.0 | 86.4 | 91.1 | 94.7 | 96.7 | 97.4 | 98.4 | 99.0 | 99.4 | 99.4 | 99. |
| GE 4000 | | 62.7 | 75.0 | 80.3 | 86.0 | 86.4 | 91.1 | 94.7 | 96.7 | 97.4 | 98.4 | 99.0 | 99.4 | 99.4 | 99. |
| GE 3500 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 3000 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 2500 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 2000 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 1800 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 1500 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 1200 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 1000 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 900 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 800 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 700 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 600 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 500 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 400 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 300 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 200 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 100 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |
| GE 0 | | 62.7 | 75.0 | 80.3 | 86.1 | 86.5 | 91.3 | 94.8 | 96.8 | 97.6 | 98.5 | 99.1 | 99.5 | 99.5 | 100. |

TOTAL NUMBER OF OBSERVATIONS: 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.6 | 99.8 | 100.0 | |
| GE 4500 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 4000 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 3500 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 3000 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 2500 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 2000 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 1800 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 1500 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 1200 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 1000 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 900 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 800 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 700 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 600 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 500 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 400 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 300 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 200 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 100 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |
| GE 0 | | 69.9 | 83.3 | 87.9 | 91.6 | 92.0 | 95.0 | 97.0 | 97.7 | 98.1 | 99.0 | 99.4 | 99.8 | 99.8 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 79.4 | 88.6 | 92.5 | 94.7 | 95.0 | 96.3 | 97.8 | 98.8 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4500 | | 79.4 | 88.6 | 92.5 | 94.7 | 95.0 | 96.3 | 97.8 | 98.8 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4000 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 79.5 | 88.7 | 92.6 | 94.8 | 95.1 | 96.4 | 97.9 | 98.9 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 83.9 | 91.1 | 94.1 | 96.0 | 96.0 | 98.7 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4500 | | | 83.9 | 91.1 | 94.1 | 96.0 | 96.0 | 98.7 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | | 84.0 | 91.2 | 94.2 | 96.1 | 96.1 | 98.9 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 70.1 | 80.9 | 85.5 | 89.3 | 89.7 | 94.1 | 96.6 | 98.0 | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | |
| GE 4500 | | 70.1 | 80.9 | 85.5 | 89.3 | 89.7 | 94.1 | 96.6 | 98.0 | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | |
| GE 4000 | | 70.2 | 81.0 | 85.6 | 89.5 | 89.8 | 94.2 | 96.8 | 98.1 | 98.5 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | |
| GE 3500 | | 70.2 | 81.0 | 85.6 | 89.5 | 89.8 | 94.2 | 96.8 | 98.2 | 98.5 | 99.3 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 3000 | | 70.2 | 81.0 | 85.6 | 89.5 | 89.8 | 94.2 | 96.8 | 98.2 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 2500 | | 70.2 | 81.0 | 85.6 | 89.5 | 89.8 | 94.2 | 96.8 | 98.2 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 2000 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.8 | 94.3 | 96.8 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 1800 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.8 | 94.3 | 96.8 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 1500 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.8 | 94.3 | 96.8 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 1200 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | |
| GE 1000 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | |
| GE 900 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | |
| GE 800 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | |
| GE 700 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 600 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 500 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 400 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 70.2 | 81.1 | 85.6 | 89.5 | 89.9 | 94.3 | 96.9 | 98.2 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.4 | 90.4 | 93.0 | 94.6 | 94.7 | 96.5 | 97.3 | 98.1 | 98.3 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 4500 | | 85.4 | 90.4 | 93.0 | 94.6 | 94.7 | 96.5 | 97.3 | 98.1 | 98.3 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 4000 | | 85.4 | 90.4 | 93.0 | 94.6 | 94.7 | 96.5 | 97.3 | 98.1 | 98.3 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 3500 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 85.4 | 90.6 | 93.1 | 94.7 | 94.8 | 96.6 | 97.5 | 98.2 | 98.4 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 74.7 | 82.6 | 85.9 | 90.7 | 90.9 | 94.3 | 96.1 | 97.1 | 97.4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.8 | |
| GE 4500 | | 74.7 | 82.6 | 85.9 | 90.7 | 90.9 | 94.3 | 96.1 | 97.1 | 97.4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.8 | |
| GE 4000 | | 74.7 | 82.6 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 3500 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 3000 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 2500 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 2000 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 1800 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 1500 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 1200 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 1000 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 900 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 800 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 700 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 600 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 500 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 400 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 300 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 200 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 100 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |
| GE 0 | | 74.7 | 82.8 | 86.1 | 91.0 | 91.1 | 94.5 | 96.3 | 97.3 | 97.7 | 99.0 | 99.1 | 99.4 | 99.4 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 55.8 | 68.5 | 76.6 | 83.3 | 84.2 | 91.0 | 94.2 | 96.4 | 97.1 | 99.1 | 99.5 | 99.8 | 99.8 | 99.8 | |
| GE 4500 | | 55.8 | 68.5 | 76.6 | 83.3 | 84.2 | 91.0 | 94.2 | 96.4 | 97.1 | 99.1 | 99.5 | 99.8 | 99.8 | 99.8 | |
| GE 4000 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 56.1 | 68.8 | 76.9 | 83.6 | 84.5 | 91.3 | 94.4 | 96.6 | 97.4 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 58.2 | 72.9 | 80.8 | 87.3 | 88.1 | 94.1 | 97.3 | 98.2 | 98.7 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 4500 | | 58.2 | 72.9 | 80.8 | 87.3 | 88.1 | 94.1 | 97.3 | 98.2 | 98.7 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 4000 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 3500 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 3000 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 58.4 | 73.1 | 80.9 | 87.4 | 88.2 | 94.2 | 97.4 | 98.4 | 98.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 850

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1200-1400

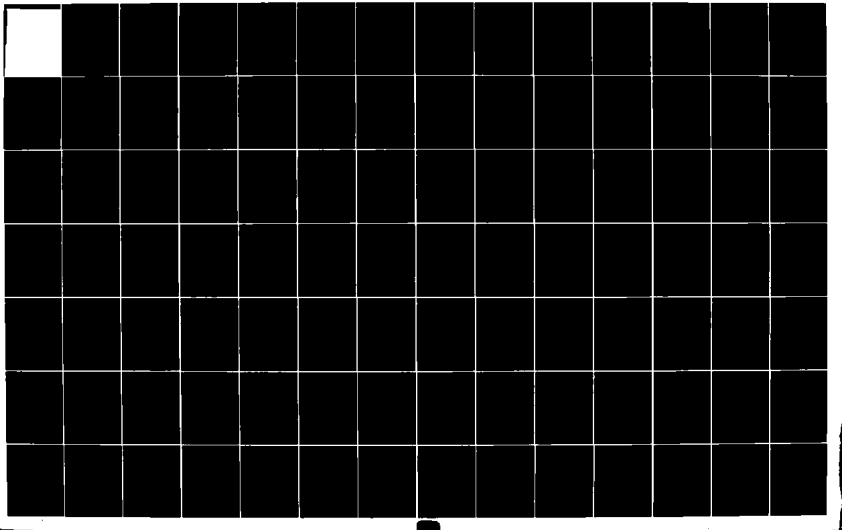
| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 4500 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 4000 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 3500 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 3000 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 2500 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 2000 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 1800 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 1500 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 1200 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 1000 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 900 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 800 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 700 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 600 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 500 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 400 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 300 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 200 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 100 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |
| GE 0 | | 66.5 | 80.0 | 86.2 | 90.3 | 90.3 | 94.9 | 96.7 | 98.2 | 98.7 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 | |

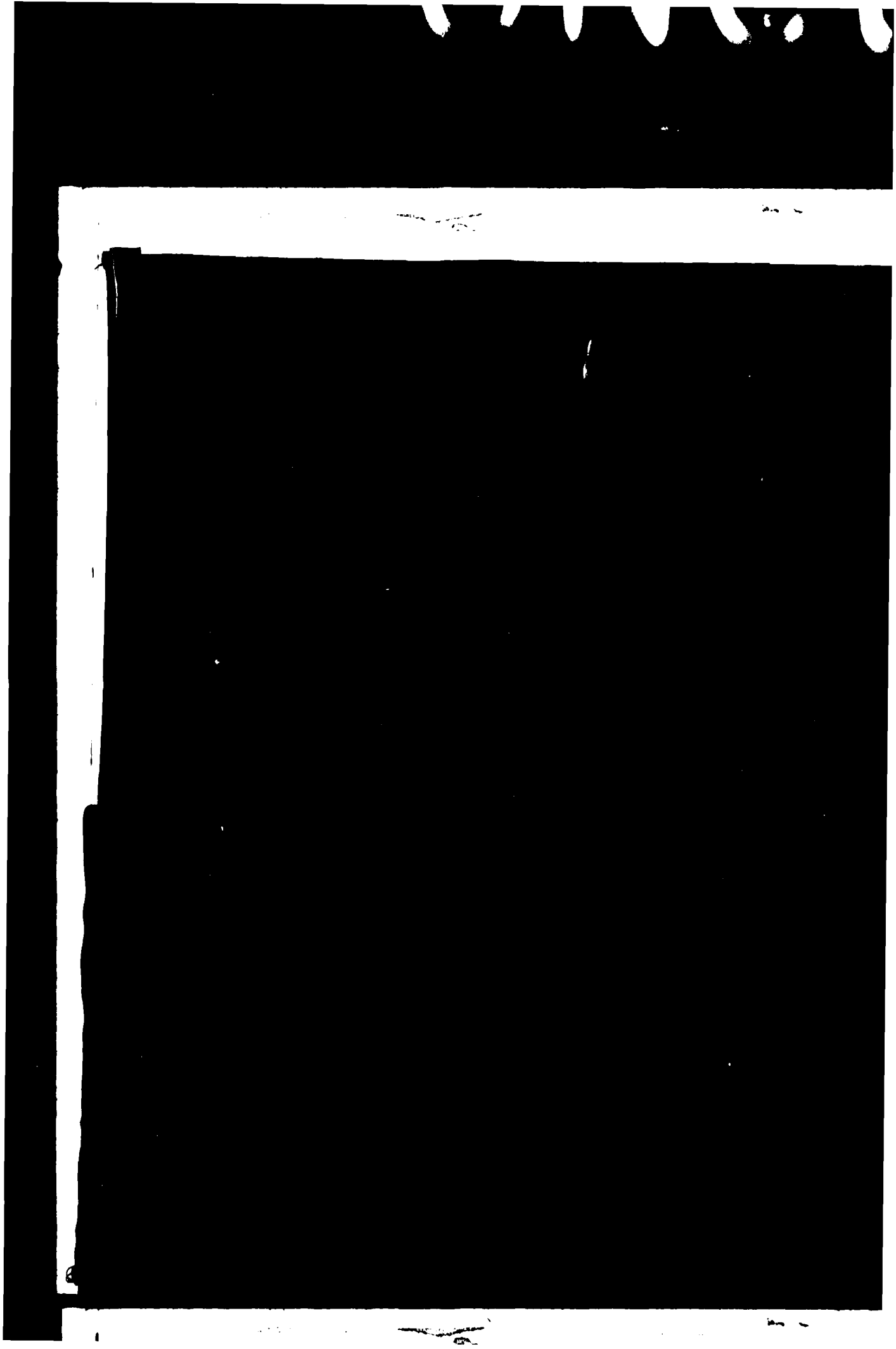
TOTAL NUMBER OF OBSERVATIONS: 929

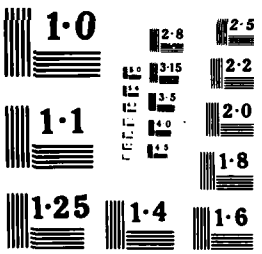
AD A159 605 AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85

3/5

UNCLASSIFIED USAFETAC/DS-85/013 F/G 4/2 NL






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2·8
3·15
3·5
4·0
2·5
2·2
2·0
1·8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 4500 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 4000 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 75.0 | 87.0 | 91.4 | 93.9 | 93.9 | 96.9 | 98.1 | 99.2 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 4500 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 4000 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 79.0 | 89.3 | 93.1 | 94.9 | 95.5 | 97.6 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 858

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 40416Q STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 4500 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 4000 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 3500 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 3000 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 2500 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 2000 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 1800 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 1500 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 1200 | | 86.4 | 93.6 | 96.2 | 97.3 | 97.4 | 98.8 | 98.9 | 99.4 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 1000 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 86.5 | 93.7 | 96.3 | 97.4 | 97.5 | 98.9 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 72.7 | 83.1 | 88.0 | 91.6 | 91.9 | 95.5 | 97.2 | 98.3 | 98.5 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 |
| GE 4500 | | | 72.7 | 83.1 | 88.0 | 91.6 | 91.9 | 95.5 | 97.2 | 98.3 | 98.5 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 |
| GE 4000 | | | 72.7 | 83.2 | 88.0 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 3500 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 3000 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 2500 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 2000 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 1800 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 1500 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 1200 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.2 | 98.3 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 1000 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 900 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 800 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 700 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 600 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 500 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 400 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 300 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 200 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 100 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 0 | | | 72.7 | 83.2 | 88.1 | 91.7 | 92.0 | 95.6 | 97.3 | 98.4 | 98.6 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OPSERVATIONS: 6666

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4500 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4000 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3500 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3000 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2500 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1800 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1500 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | | | 83.0 | 89.2 | 93.9 | 96.7 | 97.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | | | 83.0 | 89.5 | 94.2 | 96.9 | 97.4 | 98.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 4500 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 4000 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 3500 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 3000 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 2500 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 2000 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 1800 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 1500 | | 77.9 | 86.4 | 91.6 | 94.7 | 95.8 | 97.2 | 98.4 | 98.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 1200 | | 77.9 | 86.6 | 91.7 | 94.9 | 96.0 | 97.3 | 98.5 | 98.9 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | |
| GE 1000 | | 77.9 | 86.6 | 91.7 | 94.9 | 96.0 | 97.3 | 98.5 | 98.9 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | |
| GE 900 | | 77.9 | 86.6 | 91.7 | 94.9 | 96.0 | 97.3 | 98.5 | 98.9 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | |
| GE 800 | | 77.9 | 86.6 | 91.7 | 94.9 | 96.0 | 97.3 | 98.5 | 98.9 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | |
| GE 700 | | 77.9 | 86.6 | 91.7 | 94.9 | 96.0 | 97.3 | 98.5 | 98.9 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | |
| GE 600 | | 77.9 | 86.6 | 91.7 | 94.9 | 96.0 | 97.3 | 98.5 | 98.9 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | |
| GE 500 | | 77.9 | 86.6 | 91.7 | 95.0 | 96.1 | 97.4 | 98.7 | 99.0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | |
| GE 400 | | 77.9 | 86.6 | 91.7 | 95.0 | 96.1 | 97.4 | 98.7 | 99.0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | |
| GE 300 | | 77.9 | 86.6 | 91.7 | 95.0 | 96.1 | 97.4 | 98.7 | 99.0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | |
| GE 200 | | 77.9 | 86.6 | 91.7 | 95.0 | 96.1 | 97.4 | 98.7 | 99.0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | |
| GE 100 | | 77.9 | 86.6 | 91.7 | 95.0 | 96.1 | 97.4 | 98.7 | 99.0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | |
| GE 0 | | 77.9 | 86.6 | 91.7 | 95.0 | 96.1 | 97.4 | 98.7 | 99.0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.5 | 94.4 | 97.1 | 97.4 | 98.5 | 99.0 | 99.5 | 99.6 | 99.8 |
| GE 4500 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.5 | 94.4 | 97.1 | 97.4 | 98.5 | 99.0 | 99.5 | 99.6 | 99.8 |
| GE 4000 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 3500 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 3000 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 2500 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 2000 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 1800 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 1500 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 1200 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 1000 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 900 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 800 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 700 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 600 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 500 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 400 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 300 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 200 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 100 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 99.9 |
| GE 0 | | | 52.7 | 66.5 | 74.8 | 81.1 | 82.1 | 90.6 | 94.5 | 97.2 | 97.6 | 98.7 | 99.1 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 4500 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 4000 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 55.4 | 74.2 | 82.3 | 88.9 | 89.9 | 95.7 | 97.8 | 99.1 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 71.6 | 85.0 | 89.0 | 92.7 | 93.2 | 97.1 | 98.8 | 99.2 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | |
| GE 4500 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 4000 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 71.2 | 85.1 | 89.1 | 92.8 | 93.3 | 97.2 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 4500 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 4000 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 80.1 | 89.4 | 93.4 | 96.0 | 96.4 | 98.1 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 978

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1300-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 7/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 83.4 | 90.9 | 94.3 | 96.4 | 96.8 | 98.4 | 98.9 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.6 |
| GE 4500 | | 83.4 | 90.9 | 94.3 | 96.4 | 96.8 | 98.4 | 98.9 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4000 | | 83.4 | 90.9 | 94.3 | 96.4 | 96.8 | 98.4 | 98.9 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 3500 | | 83.4 | 90.9 | 94.3 | 96.4 | 96.8 | 98.4 | 98.9 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 3000 | | 83.4 | 90.9 | 94.3 | 96.4 | 96.8 | 98.4 | 98.9 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2500 | | 83.4 | 90.9 | 94.3 | 96.4 | 96.8 | 98.4 | 98.9 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2000 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | | 83.5 | 91.1 | 94.4 | 96.5 | 96.9 | 98.6 | 99.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | | 83.7 | 91.2 | 94.5 | 96.7 | 97.0 | 98.7 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 83.7 | 91.2 | 94.5 | 96.7 | 97.0 | 98.7 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 83.7 | 91.2 | 94.5 | 96.7 | 97.0 | 98.7 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 83.7 | 91.2 | 94.5 | 96.7 | 97.0 | 98.7 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 83.7 | 91.2 | 94.5 | 96.7 | 97.0 | 98.7 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 858

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 86.5 | 92.1 | 96.5 | 98.4 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 80.0 | 91.4 | 94.8 | 96.8 | 97.1 | 98.0 | 98.1 | 98.5 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 |
| GE 4500 | | 80.0 | 91.4 | 94.8 | 96.8 | 97.1 | 98.0 | 98.1 | 98.5 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 |
| GE 4000 | | 80.2 | 91.6 | 95.0 | 97.1 | 97.3 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 |
| GE 3500 | | 80.5 | 92.0 | 95.4 | 97.4 | 97.6 | 98.6 | 98.7 | 99.1 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 |
| GE 3000 | | 80.8 | 92.2 | 95.6 | 97.6 | 97.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 2500 | | 80.8 | 92.2 | 95.6 | 97.6 | 97.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 2000 | | 80.8 | 92.2 | 95.6 | 97.6 | 97.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 1800 | | 80.8 | 92.2 | 95.6 | 97.6 | 97.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 1500 | | 80.8 | 92.2 | 95.6 | 97.6 | 97.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 1200 | | 80.8 | 92.2 | 95.6 | 97.6 | 97.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 1000 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 |
| GE 900 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 |
| GE 800 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 |
| GE 700 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 |
| GE 600 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 |
| GE 500 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 80.8 | 92.3 | 95.8 | 97.8 | 98.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 74.3 | 84.5 | 88.7 | 90.5 | 90.7 | 92.5 | 93.4 | 93.6 | 93.9 | 94.2 | 94.5 | 95.1 | 95.1 | 98.4 | |
| GE 4500 | | 74.5 | 84.6 | 88.9 | 90.6 | 90.9 | 92.6 | 93.5 | 93.7 | 94.0 | 94.4 | 94.6 | 95.2 | 95.2 | 98.5 | |
| GE 4000 | | 74.8 | 85.0 | 89.2 | 91.0 | 91.2 | 93.0 | 93.9 | 94.1 | 94.4 | 94.7 | 95.0 | 95.6 | 95.6 | 98.9 | |
| GE 3500 | | 74.8 | 85.0 | 89.2 | 91.0 | 91.2 | 93.0 | 93.9 | 94.1 | 94.4 | 94.7 | 95.0 | 95.6 | 95.6 | 98.9 | |
| GE 3000 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 2500 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 2000 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 1800 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 1600 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 1400 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 1200 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 1000 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 900 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.4 | 94.2 | 94.5 | 94.7 | 95.1 | 95.4 | 96.0 | 96.0 | 99.2 | |
| GE 800 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.4 | |
| GE 700 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.4 | |
| GE 600 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.4 | |
| GE 500 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.4 | |
| GE 400 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.4 | |
| GE 300 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.5 | |
| GE 200 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.6 | |
| GE 100 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 99.6 | |
| GE 0 | | 75.2 | 85.4 | 89.6 | 91.4 | 91.6 | 93.5 | 94.4 | 94.6 | 94.9 | 95.2 | 95.5 | 96.1 | 96.1 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 86.1 | 91.3 | 92.6 | 93.4 | 93.4 | 94.1 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 95.3 | 95.5 | 99.1 |
| GE 4500 | | 86.1 | 91.3 | 92.6 | 93.4 | 93.4 | 94.1 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 95.3 | 95.5 | 99.1 |
| GE 4000 | | 86.1 | 91.3 | 92.6 | 93.4 | 93.4 | 94.1 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 95.3 | 95.5 | 99.1 |
| GE 3500 | | 86.3 | 91.4 | 92.7 | 93.6 | 93.6 | 94.2 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 95.5 | 95.6 | 99.2 |
| GE 3000 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 2500 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 2000 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 1800 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 1500 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 1200 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 1000 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 900 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 800 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 700 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 600 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 500 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 400 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 300 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.6 |
| GE 200 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.7 |
| GE 100 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 99.9 |
| GE 0 | | 86.6 | 91.8 | 93.1 | 93.9 | 93.9 | 94.6 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.8 | 96.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 4500 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 4000 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 3500 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 3000 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 2500 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 2000 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 1800 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 1500 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 1200 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 1000 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 900 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 800 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 700 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 600 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 500 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 400 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 300 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 200 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.5 | |
| GE 100 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 99.9 | |
| GE 0 | | 89.7 | 94.1 | 95.5 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 84.6 | 92.7 | 94.9 | 96.3 | 96.4 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 99.5 | |
| GE 4500 | | 84.6 | 92.7 | 94.9 | 96.3 | 96.4 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 99.5 | |
| GE 4000 | | 84.7 | 92.8 | 95.0 | 96.3 | 96.4 | 98.0 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.5 | |
| GE 3500 | | 84.7 | 92.8 | 95.0 | 96.3 | 96.4 | 98.0 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.5 | |
| GE 3000 | | 84.7 | 92.8 | 95.0 | 96.3 | 96.5 | 98.0 | 98.4 | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.6 | |
| GE 2500 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.0 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.6 | |
| GE 2000 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.6 | |
| GE 1800 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.6 | |
| GE 1500 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.0 | 98.5 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.6 | |
| GE 1200 | | 84.7 | 92.9 | 95.0 | 96.4 | 96.5 | 98.0 | 98.5 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.6 | |
| GE 1000 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.7 | |
| GE 900 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.7 | |
| GE 800 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.7 | |
| GE 700 | | 84.7 | 92.8 | 95.0 | 96.4 | 96.5 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.7 | |
| GE 600 | | 84.7 | 92.8 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.7 | |
| GE 500 | | 84.7 | 92.8 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.7 | |
| GE 400 | | 84.7 | 92.8 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.7 | |
| GE 300 | | 84.7 | 92.8 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.7 | |
| GE 200 | | 84.7 | 92.8 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.8 | |
| GE 100 | | 84.7 | 92.9 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.8 | |
| GE 0 | | 84.7 | 92.9 | 95.1 | 96.4 | 96.6 | 98.1 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6504

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | | 95.9 | 98.3 | 98.6 | 98.9 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 92.0 | 98.0 | 98.7 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 4500 | | 92.0 | 98.0 | 98.7 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 4000 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 92.3 | 98.3 | 98.9 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 91.5 | 98.2 | 98.6 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 4500 | | 91.5 | 98.2 | 98.6 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 4000 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 91.6 | 98.3 | 98.7 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 4500 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 4000 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3500 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 3000 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2500 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 85.9 | 95.5 | 97.1 | 98.4 | 98.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 71.2 | 86.7 | 92.4 | 95.1 | 95.3 | 98.2 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4500 | | 71.2 | 86.7 | 92.4 | 95.1 | 95.3 | 98.2 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4000 | | 71.2 | 86.7 | 92.4 | 95.1 | 95.3 | 98.2 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 3500 | | 71.2 | 86.7 | 92.4 | 95.1 | 95.3 | 98.2 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 3000 | | 71.3 | 86.8 | 92.5 | 95.2 | 95.4 | 98.3 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2500 | | 71.3 | 86.8 | 92.5 | 95.2 | 95.4 | 98.3 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | | 71.3 | 86.8 | 92.5 | 95.2 | 95.4 | 98.3 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | | 71.3 | 86.8 | 92.5 | 95.2 | 95.4 | 98.3 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.4 | 99.2 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.4 | 99.2 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 71.3 | 86.8 | 92.7 | 95.3 | 95.6 | 98.6 | 99.3 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.6 | 95.9 | 96.1 | 96.3 | 96.7 | 97.3 | 97.4 | 98.7 |
| GE 4500 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.6 | 95.9 | 96.1 | 96.3 | 96.7 | 97.3 | 97.4 | 98.7 |
| GE 4000 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.6 | 95.9 | 96.1 | 96.3 | 96.7 | 97.3 | 97.4 | 98.7 |
| GE 3500 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.6 | 95.9 | 96.1 | 96.3 | 96.7 | 97.3 | 97.4 | 98.7 |
| GE 3000 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 2500 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 2000 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 1800 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 1500 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 1200 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 1000 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 900 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 800 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 700 | | 64.8 | 78.4 | 84.7 | 88.8 | 89.1 | 93.2 | 94.7 | 96.0 | 96.3 | 96.4 | 96.8 | 97.4 | 97.6 | 98.8 |
| GE 600 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 96.9 | 97.6 | 97.7 | 99.0 |
| GE 500 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 96.9 | 97.6 | 97.7 | 99.0 |
| GE 400 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 96.9 | 97.6 | 97.7 | 99.0 |
| GE 300 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 96.9 | 97.6 | 97.7 | 99.0 |
| GE 200 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 97.0 | 97.7 | 97.8 | 99.2 |
| GE 100 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 97.0 | 97.7 | 97.8 | 99.5 |
| GE 0 | | 65.0 | 78.6 | 84.9 | 89.0 | 89.2 | 93.3 | 94.9 | 96.1 | 96.4 | 96.5 | 97.0 | 97.7 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 84.4 | 91.1 | 92.8 | 93.4 | 93.4 | 94.5 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 96.0 | 96.0 | 98.4 |
| GE 4500 | | 84.4 | 91.1 | 92.8 | 93.4 | 93.4 | 94.5 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 96.0 | 96.0 | 98.4 |
| GE 4000 | | 84.4 | 91.1 | 92.8 | 93.4 | 93.4 | 94.5 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 96.0 | 96.0 | 98.4 |
| GE 3500 | | 84.4 | 91.1 | 92.8 | 93.4 | 93.4 | 94.5 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 96.0 | 96.0 | 98.4 |
| GE 3000 | | 84.4 | 91.1 | 93.0 | 93.5 | 93.5 | 94.6 | 95.5 | 95.5 | 95.5 | 95.7 | 95.9 | 96.1 | 96.1 | 98.5 |
| GE 2500 | | 84.4 | 91.1 | 93.0 | 93.5 | 93.5 | 94.6 | 95.5 | 95.5 | 95.5 | 95.7 | 95.9 | 96.1 | 96.1 | 98.5 |
| GE 2000 | | 84.4 | 91.1 | 93.0 | 93.5 | 93.5 | 94.6 | 95.5 | 95.5 | 95.5 | 95.7 | 95.9 | 96.1 | 96.1 | 98.5 |
| GE 1800 | | 84.4 | 91.1 | 93.0 | 93.5 | 93.5 | 94.6 | 95.5 | 95.5 | 95.5 | 95.7 | 95.9 | 96.1 | 96.1 | 98.5 |
| GE 1500 | | 84.4 | 91.2 | 93.1 | 93.6 | 93.6 | 94.7 | 95.6 | 95.6 | 95.6 | 95.9 | 96.0 | 96.2 | 96.2 | 98.6 |
| GE 1200 | | 84.4 | 91.2 | 93.1 | 93.6 | 93.6 | 94.7 | 95.6 | 95.6 | 95.6 | 95.9 | 96.0 | 96.2 | 96.2 | 98.6 |
| GE 1000 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 900 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 800 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 700 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 600 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 500 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 400 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 300 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 98.7 |
| GE 200 | | 84.6 | 91.3 | 93.2 | 93.7 | 93.7 | 94.9 | 95.7 | 95.7 | 95.7 | 96.0 | 96.2 | 96.5 | 96.5 | 98.9 |
| GE 100 | | 84.7 | 91.5 | 93.4 | 93.9 | 93.9 | 95.0 | 95.9 | 95.9 | 95.9 | 96.1 | 96.4 | 96.6 | 96.6 | 99.2 |
| GE 0 | | 84.7 | 91.5 | 93.4 | 93.9 | 93.9 | 95.0 | 95.9 | 95.9 | 95.9 | 96.1 | 96.4 | 96.6 | 96.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 90.6 | 94.9 | 95.7 | 96.5 | 96.5 | 97.7 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 99.6 | |
| GE 4500 | | 90.6 | 94.9 | 95.7 | 96.5 | 96.5 | 97.7 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 99.6 | |
| GE 4000 | | 90.6 | 94.9 | 95.7 | 96.5 | 96.5 | 97.7 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 99.6 | |
| GE 3500 | | 90.6 | 94.9 | 95.7 | 96.5 | 96.5 | 97.7 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 99.6 | |
| GE 3000 | | 90.6 | 94.9 | 95.7 | 96.5 | 96.5 | 97.7 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 99.6 | |
| GE 2500 | | 90.6 | 94.9 | 95.7 | 96.6 | 96.6 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 99.7 | |
| GE 2000 | | 90.6 | 94.9 | 95.7 | 96.6 | 96.6 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 99.7 | |
| GE 1800 | | 90.6 | 94.9 | 95.7 | 96.6 | 96.6 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 99.7 | |
| GE 1500 | | 90.6 | 94.9 | 95.7 | 96.6 | 96.6 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 99.7 | |
| GE 1200 | | 90.6 | 94.9 | 95.7 | 96.6 | 96.6 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 99.7 | |
| GE 1000 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 900 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 800 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 700 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 600 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 500 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 400 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 300 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 200 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 100 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.9 | |
| GE 0 | | 90.7 | 95.0 | 95.9 | 96.7 | 96.7 | 98.0 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | |
| GE 5000 | | 73.7 | 84.2 | 89.5 | 93.1 | 93.7 | 96.8 | 98.4 | 99.2 | 99.2 | 99.5 | 99.7 | 99.8 | 99.8 | |
| GE 4500 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.7 | 96.8 | 98.4 | 99.2 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | |
| GE 4000 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.7 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | |
| GE 3500 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.7 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | |
| GE 3000 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.7 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | |
| GE 2500 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.7 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | |
| GE 2000 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.8 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | |
| GE 1800 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.8 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | |
| GE 1500 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.8 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | |
| GE 1200 | | 73.8 | 84.3 | 89.5 | 93.2 | 93.8 | 96.9 | 98.4 | 99.2 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | |
| GE 1000 | | 73.8 | 84.3 | 89.6 | 93.2 | 93.8 | 96.9 | 98.5 | 99.2 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | |
| GE 900 | | 73.8 | 84.3 | 89.6 | 93.2 | 93.8 | 96.9 | 98.5 | 99.2 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | |
| GE 800 | | 73.8 | 84.3 | 89.6 | 93.2 | 93.8 | 96.9 | 98.5 | 99.2 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | |
| GE 700 | | 73.8 | 84.3 | 89.6 | 93.2 | 93.8 | 96.9 | 98.5 | 99.2 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | |
| GE 600 | | 73.8 | 84.3 | 89.6 | 93.2 | 93.8 | 96.9 | 98.5 | 99.2 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | |
| GE 500 | | 73.8 | 84.3 | 89.6 | 93.2 | 93.8 | 96.9 | 98.5 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | |
| GE 400 | | 73.8 | 84.3 | 89.6 | 93.3 | 93.9 | 96.9 | 98.5 | 99.3 | 99.3 | 99.7 | 99.8 | 99.9 | 99.9 | 1 |
| GE 300 | | 73.8 | 84.3 | 89.6 | 93.3 | 93.8 | 96.9 | 98.5 | 99.3 | 99.3 | 99.7 | 99.8 | 99.9 | 99.9 | 1 |
| GE 200 | | 73.8 | 84.3 | 89.6 | 93.3 | 93.8 | 96.9 | 98.5 | 99.3 | 99.3 | 99.7 | 99.8 | 99.9 | 99.9 | 1 |
| GE 100 | | 73.8 | 84.3 | 89.6 | 93.3 | 93.8 | 96.9 | 98.5 | 99.3 | 99.3 | 99.7 | 99.8 | 99.9 | 99.9 | 1 |
| GE 0 | | 73.8 | 84.3 | 89.6 | 93.3 | 93.8 | 96.9 | 98.5 | 99.3 | 99.3 | 99.7 | 99.8 | 99.9 | 99.9 | 1 |

TOTAL NUMBER OF OBSERVATIONS: 6713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 87.7 | 94.7 | 96.4 | 97.7 | 97.8 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | |
| GE 4500 | | 87.7 | 94.7 | 96.4 | 97.7 | 97.8 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | |
| GE 4000 | | 88.2 | 95.1 | 96.9 | 98.1 | 98.3 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | |
| GE 3500 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 3000 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 2500 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 2000 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1800 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1500 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1200 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 1000 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 900 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 800 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 700 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 600 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 500 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 400 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 300 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 200 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 100 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |
| GE 0 | | 88.3 | 95.3 | 97.0 | 98.3 | 98.4 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 87.2 | 94.2 | 96.6 | 97.8 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | |
| GE 4500 | | 87.2 | 94.2 | 96.6 | 97.8 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | |
| GE 4000 | | 88.0 | 95.1 | 97.4 | 98.6 | 98.6 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | |
| GE 3500 | | 88.1 | 95.2 | 97.5 | 98.7 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | |
| GE 3000 | | 88.1 | 95.2 | 97.5 | 98.7 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | |
| GE 2500 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 2000 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 1800 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 1500 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 1200 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 1000 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 900 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 800 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 700 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 600 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 500 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 400 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | |
| GE 300 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | |
| GE 200 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | |
| GE 100 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | |
| GE 0 | | 88.2 | 95.3 | 97.6 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 90.5 | 96.1 | 96.9 | 98.0 | 98.0 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 4500 | | 90.5 | 96.1 | 96.9 | 98.0 | 98.0 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 4000 | | 91.2 | 96.9 | 97.8 | 98.9 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3500 | | 91.2 | 96.9 | 97.8 | 98.9 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3000 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 91.5 | 97.2 | 98.0 | 99.1 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 91.6 | 95.7 | 97.2 | 97.9 | 97.9 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 4500 | | 91.6 | 95.7 | 97.2 | 97.9 | 97.9 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 4000 | | 92.0 | 96.3 | 97.8 | 98.7 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 3500 | | 92.0 | 96.3 | 97.8 | 98.7 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 3000 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 92.5 | 96.8 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.9 | 92.8 | 94.9 | 96.1 | 96.2 | 96.9 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 97.8 | 97.8 | 98.9 |
| GE 4500 | | 85.9 | 92.8 | 94.9 | 96.1 | 96.2 | 97.0 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 97.8 | 97.9 | 98.9 |
| GE 4000 | | 86.3 | 93.2 | 95.3 | 96.6 | 96.6 | 97.4 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.3 | 98.3 | 99.4 |
| GE 3500 | | 86.4 | 93.3 | 95.4 | 96.7 | 96.7 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.4 | 98.4 | 99.5 |
| GE 3000 | | 86.6 | 93.5 | 95.6 | 96.9 | 96.9 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 99.7 |
| GE 2500 | | 86.6 | 93.5 | 95.6 | 96.9 | 97.0 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 99.7 |
| GE 2000 | | 86.6 | 93.5 | 95.6 | 96.9 | 97.0 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 99.7 |
| GE 1800 | | 86.6 | 93.5 | 95.6 | 96.9 | 97.0 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 99.7 |
| GE 1500 | | 86.6 | 93.5 | 95.6 | 96.9 | 97.0 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 99.7 |
| GE 1200 | | 86.6 | 93.5 | 95.6 | 96.9 | 97.0 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 99.7 |
| GE 1000 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.7 | 98.7 | 99.8 |
| GE 900 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.7 | 98.7 | 99.8 |
| GE 800 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 700 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 600 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 500 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 400 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 300 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 200 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.8 |
| GE 100 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 99.9 |
| GE 0 | | 86.6 | 93.5 | 95.7 | 96.9 | 97.0 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.5 | 98.7 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 6541

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 92.3 | 94.5 | 95.7 | 95.9 | 95.9 | 96.4 | 96.6 | 96.6 | 96.6 | 96.7 | 97.3 | 97.6 | 97.7 | 98.7 | |
| GE 4500 | | 92.6 | 94.8 | 95.9 | 96.2 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 97.6 | 97.8 | 98.0 | 99.0 | |
| GE 4000 | | 93.2 | 95.4 | 96.6 | 96.8 | 96.8 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 98.3 | 98.6 | 98.7 | 99.7 | |
| GE 3500 | | 93.2 | 95.4 | 96.6 | 96.8 | 96.8 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 98.3 | 98.6 | 98.7 | 99.7 | |
| GE 3000 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 2500 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 2000 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 1800 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 1500 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 1200 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 1000 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 900 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 800 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 700 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 600 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 500 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 400 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 300 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 200 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 100 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |
| GE 0 | | 93.5 | 95.7 | 96.8 | 97.1 | 97.1 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.6 | 98.9 | 99.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 87.5 | 90.9 | 92.8 | 93.4 | 93.4 | 93.9 | 94.3 | 94.6 | 94.6 | 94.7 | 95.0 | 95.5 | 95.5 | 96.8 |
| GE 4500 | | 87.5 | 90.9 | 92.8 | 93.4 | 93.4 | 93.9 | 94.3 | 94.6 | 94.6 | 94.7 | 95.0 | 95.5 | 95.5 | 96.8 |
| GE 4000 | | 88.1 | 91.6 | 93.4 | 94.0 | 94.0 | 94.6 | 95.0 | 95.2 | 95.2 | 95.3 | 95.6 | 96.1 | 96.1 | 97.4 |
| GE 3500 | | 88.1 | 91.7 | 93.7 | 94.4 | 94.4 | 95.0 | 95.3 | 95.6 | 95.6 | 95.7 | 96.0 | 96.5 | 96.5 | 97.9 |
| GE 3000 | | 88.9 | 92.5 | 94.4 | 95.2 | 95.2 | 95.7 | 96.1 | 96.4 | 96.4 | 96.5 | 96.8 | 97.3 | 97.3 | 98.7 |
| GE 2500 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 2000 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 1800 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 1500 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 1200 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 1000 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 900 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 800 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 700 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 600 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 98.8 |
| GE 500 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 99.0 |
| GE 400 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.9 | 97.4 | 97.4 | 99.0 |
| GE 300 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 97.0 | 97.5 | 97.5 | 99.2 |
| GE 200 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 97.0 | 97.5 | 97.5 | 99.2 |
| GE 100 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 97.0 | 97.5 | 97.5 | 99.2 |
| GE 0 | | 89.0 | 92.6 | 94.6 | 95.3 | 95.3 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 97.0 | 97.5 | 97.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 78.1 | 85.7 | 88.9 | 89.6 | 89.7 | 91.1 | 91.6 | 92.0 | 92.0 | 92.2 | 92.4 | 92.9 | 93.2 | 94.6 | |
| GE 4500 | | 78.1 | 85.7 | 88.9 | 89.6 | 89.7 | 91.1 | 91.6 | 92.0 | 92.0 | 92.2 | 92.4 | 92.9 | 93.2 | 94.6 | |
| GE 4000 | | 79.5 | 87.1 | 90.4 | 91.1 | 91.2 | 92.6 | 93.1 | 93.5 | 93.5 | 93.8 | 94.0 | 94.5 | 94.9 | 96.3 | |
| GE 3500 | | 80.5 | 88.2 | 91.5 | 92.1 | 92.2 | 93.6 | 94.1 | 94.5 | 94.5 | 94.8 | 95.0 | 95.5 | 95.9 | 97.3 | |
| GE 3000 | | 81.4 | 89.0 | 92.4 | 93.0 | 93.1 | 94.5 | 95.0 | 95.4 | 95.4 | 95.7 | 95.9 | 96.4 | 96.8 | 98.2 | |
| GE 2500 | | 81.5 | 89.2 | 92.5 | 93.1 | 93.2 | 94.6 | 95.2 | 95.5 | 95.5 | 95.8 | 96.1 | 96.6 | 96.9 | 98.3 | |
| GE 2000 | | 81.5 | 89.2 | 92.5 | 93.1 | 93.2 | 94.6 | 95.2 | 95.5 | 95.5 | 95.8 | 96.1 | 96.6 | 96.9 | 98.3 | |
| GE 1800 | | 81.5 | 89.2 | 92.5 | 93.1 | 93.2 | 94.6 | 95.2 | 95.5 | 95.5 | 95.8 | 96.1 | 96.6 | 96.9 | 98.3 | |
| GE 1500 | | 81.7 | 89.3 | 92.6 | 93.2 | 93.4 | 94.8 | 95.3 | 95.7 | 95.7 | 95.9 | 96.2 | 96.7 | 97.1 | 98.5 | |
| GE 1200 | | 81.7 | 89.3 | 92.6 | 93.2 | 93.4 | 94.8 | 95.3 | 95.7 | 95.7 | 95.9 | 96.2 | 96.7 | 97.1 | 98.5 | |
| GE 1000 | | 81.7 | 89.3 | 92.6 | 93.2 | 93.4 | 94.8 | 95.3 | 95.7 | 95.7 | 95.9 | 96.2 | 96.7 | 97.1 | 98.5 | |
| GE 900 | | 81.7 | 89.3 | 92.6 | 93.2 | 93.4 | 94.8 | 95.3 | 95.7 | 95.7 | 95.9 | 96.2 | 96.7 | 97.1 | 98.5 | |
| GE 800 | | 81.7 | 89.3 | 92.6 | 93.2 | 93.4 | 94.8 | 95.3 | 95.7 | 95.7 | 95.9 | 96.2 | 96.7 | 97.1 | 98.5 | |
| GE 700 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 98.7 | |
| GE 600 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 98.7 | |
| GE 500 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 98.7 | |
| GE 400 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 98.7 | |
| GE 300 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 99.1 | |
| GE 200 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 99.2 | |
| GE 100 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 99.4 | |
| GE 0 | | 81.7 | 89.4 | 92.7 | 93.4 | 93.6 | 95.0 | 95.5 | 95.9 | 95.9 | 96.2 | 96.4 | 96.9 | 97.3 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 434160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 81.7 | 89.7 | 92.3 | 93.7 | 94.0 | 95.1 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | |
| GE 4500 | | 81.9 | 89.8 | 92.4 | 93.8 | 94.1 | 95.3 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | |
| GE 4000 | | 83.4 | 91.5 | 94.1 | 95.5 | 95.7 | 96.9 | 97.7 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | |
| GE 3500 | | 83.7 | 91.8 | 94.4 | 95.8 | 96.1 | 97.3 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | |
| GE 3000 | | 84.5 | 92.6 | 95.4 | 96.8 | 97.0 | 98.2 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | |
| GE 2500 | | 84.5 | 92.6 | 95.4 | 96.8 | 97.0 | 98.2 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | |
| GE 2000 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 1800 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 1500 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 1200 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 1000 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 900 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 800 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 700 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 600 | | 84.7 | 92.9 | 95.6 | 97.0 | 97.3 | 98.5 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | |
| GE 500 | | 84.7 | 92.9 | 95.7 | 97.2 | 97.4 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 84.7 | 92.9 | 95.7 | 97.2 | 97.4 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 84.7 | 92.9 | 95.7 | 97.2 | 97.4 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 84.7 | 92.9 | 95.7 | 97.2 | 97.4 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 84.7 | 92.9 | 95.7 | 97.2 | 97.4 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 84.7 | 92.9 | 95.7 | 97.2 | 97.4 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 25000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 87.1 | 92.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 4500 | | 87.5 | 92.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 4000 | | 89.8 | 95.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3500 | | 90.7 | 96.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 3000 | | 91.2 | 96.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2500 | | 91.2 | 96.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2000 | | 91.4 | 96.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1800 | | 91.4 | 96.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1500 | | 91.4 | 96.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | | 91.4 | 96.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | | 91.5 | 96.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | | 91.5 | 96.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 91.5 | 96.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 88.1 | 92.3 | 94.2 | 94.8 | 94.8 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| GE 4500 | | 88.8 | 93.0 | 95.0 | 95.6 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | |
| GE 4000 | | 91.1 | 95.6 | 97.6 | 98.2 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | |
| GE 3500 | | 91.6 | 96.0 | 98.1 | 98.8 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | |
| GE 3000 | | 92.2 | 96.6 | 98.7 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 2500 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2000 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 92.2 | 96.6 | 98.8 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | | 93.5 | 96.3 | 97.1 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 |
| GE 4500 | | | 93.8 | 96.6 | 97.3 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 |
| GE 4000 | | | 95.4 | 98.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| GE 3500 | | | 95.4 | 98.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| GE 3000 | | | 95.7 | 98.5 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 |
| GE 2500 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 2000 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1800 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1500 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1200 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1000 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 900 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 800 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 700 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 600 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 500 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 400 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 300 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | | | 95.8 | 98.6 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 95.4 | 97.5 | 97.6 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 |
| GE 4500 | | 95.5 | 97.6 | 97.7 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| GE 4000 | | 96.5 | 98.5 | 98.7 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| GE 3500 | | 96.6 | 98.7 | 98.8 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| GE 3000 | | 96.9 | 98.9 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 2500 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1800 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1200 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 1000 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 600 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 500 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 97.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 88.6 | 92.4 | 94.2 | 94.7 | 94.7 | 95.3 | 95.5 | 95.7 | 95.7 | 95.8 | 95.9 | 96.1 | 96.1 | 96.6 |
| GE 4500 | | 88.2 | 92.7 | 94.4 | 94.9 | 95.0 | 95.5 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 | 96.3 | 96.4 | 96.8 |
| GE 4000 | | 89.6 | 94.2 | 96.1 | 96.5 | 96.5 | 97.1 | 97.3 | 97.5 | 97.5 | 97.6 | 97.7 | 97.9 | 98.0 | 98.4 |
| GE 3500 | | 90.1 | 94.5 | 96.3 | 96.9 | 96.9 | 97.5 | 97.7 | 97.9 | 97.9 | 98.0 | 98.1 | 98.3 | 98.4 | 98.9 |
| GE 3000 | | 90.5 | 95.1 | 96.9 | 97.5 | 97.5 | 98.0 | 98.3 | 98.4 | 98.4 | 98.5 | 98.7 | 98.9 | 98.9 | 99.4 |
| GE 2500 | | 90.6 | 95.1 | 97.0 | 97.5 | 97.6 | 98.1 | 98.4 | 98.5 | 98.5 | 98.6 | 98.8 | 98.9 | 99.0 | 99.5 |
| GE 2000 | | 90.6 | 95.2 | 97.0 | 97.6 | 97.6 | 98.2 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 | 99.0 | 99.1 | 99.6 |
| GE 1800 | | 90.6 | 95.2 | 97.0 | 97.6 | 97.6 | 98.2 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 | 99.0 | 99.1 | 99.6 |
| GE 1500 | | 90.7 | 95.2 | 97.1 | 97.6 | 97.7 | 98.2 | 98.4 | 98.6 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.6 |
| GE 1200 | | 90.7 | 95.2 | 97.1 | 97.6 | 97.7 | 98.2 | 98.4 | 98.6 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.6 |
| GE 1000 | | 90.7 | 95.2 | 97.1 | 97.6 | 97.7 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.6 |
| GE 900 | | 90.7 | 95.2 | 97.1 | 97.6 | 97.7 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.6 |
| GE 800 | | 90.7 | 95.2 | 97.1 | 97.6 | 97.7 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.6 |
| GE 700 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.6 |
| GE 600 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.6 |
| GE 500 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.7 |
| GE 400 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.7 |
| GE 300 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.2 | 99.2 | 99.8 |
| GE 200 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.8 |
| GE 100 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.8 |
| GE 0 | | 90.7 | 95.3 | 97.1 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 6449

AL CLIMATOLOGY MA CH
ETAC
EAT FW SERVICE/MAC

# SKY COVER

163 AL JUBAYL/UHAH,AS SAUDI ARABIA 15-14
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | 0-02 | 4.1 | 4.7 | | | | 6.7 | | | 7. | | | | 2.4 |
| | 1-5 | 42.3 | 4.3 | | | 7.3 | | 4. | | | 4.7 | 1.7 | 3. | |
| | 0-08 | 32.1 | 7.1 | | | 8.6 | 5.6 | 4.9 | | 7.9 | 11.9 | 10. | 4. | 6.9 |
| | 0-11 | 32. | | | | 7.6 | 3.7 | | | | 11. | 11. | 4.3 | |
| | 1-14 | 31. | | | 7.4 | 7. | 6.2 | | | | 11. | 11.5 | 4.7 | |
| | 1-17 | 29.3 | | | | | 7. | 7. | | 1. | 12. | | | 2.4 |
| | 1-20 | 25.7 | 9.4 | | | 8.9 | 6. | 1. | | 7 | 9. | 12. | 4. | 2.7 |
| | 1-23 | 45.5 | 4.4 | | | 9.1 | | 4.7 | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | | | | 7.2 | 8.1 | | 6.4 | | 5 | | | | |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

# SKY COVER

-15 — JUBAYL/DHAHRAN SAUDI A-ARIA — 75-84

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN (TENTHS) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | 0-02 | 3. | 3.1 | | .4 | 4.1 | 4.4 | 6.1 | | .2 | 7.2 | 4.4 | 1 | 1 1 |
| | 3-05 | 5 .2 | 4.2 | | .3 | 6.4 | 5.7 | 2.6 | | .4 | 4.5 | 7. | 2. | 2 3 |
| | -3- | 47.4 | 8.5 | | 7.1 | 5.3 | 5.2 | 5.6 | | .6 | 3. | 3. | . | 2 1 |
| | -11 | 40.6 | 7.4 | | 5.5 | 7. | 5.5 | 4.6 | | 5.9 | 1 .2 | 1 . | 7.6 | 2 1 |
| | 1 -14 | 47. | 10.6 | | 7.4 | 5.2 | 5.2 | 3.2 | | 1 .4 | 1 .4 | 7. | 3. | 2 1 |
| | 1 -17 | 4 . | 7.4 | | 6.6 | 4.8 | 6.6 | .1 | | . | 12. | 7. | .7 | 2 4 |
| | 1 -20 | 35.1 | 8.9 | | 1 .4 | 7.9 | 5.4 | 6.4 | | 8.2 | 11.4 | 5. | .7 | 2 3 |
| | 1-23 | 55.7 | 5.7 | | 4.8 | 4.9 | 6.9 | 4.1 | | 3.7 | 7.7 | 5.7 | 3.3 | 2 4 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 47.8 | 7.3 | | 7.4 | 5.8 | 5.6 | 4. | | 3.4 | . | 7. | 3. | 1 79 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
DATA SERVICE/MAC

# SKY COVER

[illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-[illegible]
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF [illegible] | TOTAL NO. OF [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| [illegible] | 00-02 | [illegible].4 | 4.2 | | .6 | [illegible].4 | 3.2 | 7.2 | | 4. | [illegible].2 | 2.2 | 1. | [illegible] |
| | 03-05 | 5.[illegible].5 | 6.1 | | 6.5 | 5.4 | 5.1 | 2.5 | | [illegible].9 | 5.4 | 7.6 | 2.- | 277 |
| | [illegible]-08 | 54.6 | 5.6 | | .6 | 7.9 | 6.0 | 5.6 | | 4.2 | [illegible].0 | .6 | 2. | 210 |
| | [illegible]-11 | 31.[illegible] | 13.1 | | 11.4 | [illegible].3 | 7.6 | 4.1 | | .6 | 12.3 | [illegible] | 3.- | [illegible]9 |
| | 12-14 | 33.2 | 13.0 | | 10.7 | [illegible].3 | 9.1 | 5.9 | | 7.[illegible] | [illegible].- | [illegible].3 | .4 | 253 |
| | 15-17 | 33.4 | 11.7 | | 7.4 | [illegible].7 | 7.0 | 7.0 | | 7.[illegible] | 12.7 | 4. | 3. | 299 |
| | 18-2[illegible] | 42.[illegible] | 13.6 | | [illegible].8 | 6.1 | 6.6 | 5.7 | | [illegible].1 | [illegible].- | [illegible].7 | .[illegible] | 22[illegible] |
| | 21-23 | 55.[illegible] | 4.6 | | 11.0 | [illegible].4 | 4.2 | 3.9 | | 6.4 | [illegible].2 | 3.[illegible] | 2.3 | [illegible].3 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | [illegible].7 | [illegible]. | | [illegible].5 | 7.2 | [illegible].1 | [illegible].7 | | [illegible].6 | [illegible].5 | [illegible].2 | [illegible].[illegible] | [illegible]3[illegible] |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

| EIGHTS | TENTHS |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

   Clear was converted to 0/10
   Scattered was converted to 3/10
   Broken was converted to 9/10
   Overcast was converted to 10/10
   Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: ALL HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 81.6 | 88.4 | 91.0 | 92.9 | 93.0 | 94.6 | 95.4 | 95.9 | 96.0 | 96.3 | 96.4 | 96.6 | 96.6 | 97.0 | |
| GE 4500 | | 81.6 | 88.5 | 91.1 | 92.9 | 93.1 | 94.7 | 95.5 | 95.9 | 96.0 | 96.3 | 96.5 | 96.6 | 96.7 | 97.0 | |
| GE 4000 | | 82.5 | 89.4 | 92.1 | 93.9 | 94.1 | 95.7 | 96.5 | 97.0 | 97.1 | 97.4 | 97.5 | 97.7 | 97.7 | 98.1 | |
| GE 3500 | | 82.7 | 89.6 | 92.3 | 94.2 | 94.3 | 96.0 | 96.8 | 97.2 | 97.3 | 97.6 | 97.8 | 97.9 | 98.0 | 98.3 | |
| GE 3000 | | 83.5 | 90.6 | 93.3 | 95.2 | 95.4 | 97.0 | 97.9 | 98.3 | 98.4 | 98.7 | 98.9 | 99.1 | 99.1 | 99.5 | |
| GE 2500 | | 83.6 | 90.7 | 93.4 | 95.4 | 95.5 | 97.2 | 98.0 | 98.5 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.6 | |
| GE 2000 | | 83.6 | 90.8 | 93.5 | 95.5 | 95.6 | 97.3 | 98.1 | 98.6 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.7 | |
| GE 1800 | | 83.6 | 90.8 | 93.5 | 95.5 | 95.6 | 97.3 | 98.1 | 98.6 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.7 | |
| GE 1500 | | 83.6 | 90.8 | 93.6 | 95.5 | 95.6 | 97.3 | 98.1 | 98.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.4 | 99.7 | |
| GE 1200 | | 83.7 | 90.8 | 93.6 | 95.5 | 95.7 | 97.3 | 98.2 | 98.6 | 98.7 | 99.0 | 99.2 | 99.3 | 99.4 | 99.7 | |
| GE 1000 | | 83.7 | 90.8 | 93.6 | 95.5 | 95.7 | 97.4 | 98.2 | 98.6 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 900 | | 83.7 | 90.8 | 93.6 | 95.5 | 95.7 | 97.4 | 98.2 | 98.6 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 800 | | 83.7 | 90.9 | 93.6 | 95.5 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 700 | | 83.7 | 90.9 | 93.6 | 95.5 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 600 | | 83.7 | 90.9 | 93.6 | 95.5 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 500 | | 83.7 | 90.9 | 93.6 | 95.6 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.3 | 99.4 | 99.5 | 99.8 | |
| GE 400 | | 83.7 | 90.9 | 93.6 | 95.6 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.3 | 99.4 | 99.5 | 99.8 | |
| GE 300 | | 83.7 | 90.9 | 93.6 | 95.6 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.3 | 99.4 | 99.5 | 99.9 | |
| GE 200 | | 83.7 | 90.9 | 93.6 | 95.6 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 100 | | 83.7 | 90.9 | 93.6 | 95.6 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 0 | | 83.7 | 90.9 | 93.6 | 95.6 | 95.7 | 97.4 | 98.2 | 98.7 | 98.8 | 99.1 | 99.3 | 99.5 | 99.5 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 78416

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.9 | 89.8 | 91.3 | 92.1 | 92.1 | 92.7 | 93.2 | 93.4 | 93.5 | 93.7 | 93.8 | 94.0 | 94.0 | 94.7 | |
| GE 4500 | | 86.0 | 89.9 | 91.4 | 92.1 | 92.2 | 92.8 | 93.3 | 93.5 | 93.6 | 93.8 | 93.9 | 94.1 | 94.2 | 94.8 | |
| GE 4000 | | 87.5 | 91.5 | 93.1 | 93.9 | 93.9 | 94.6 | 95.2 | 95.4 | 95.4 | 95.7 | 95.8 | 96.0 | 96.1 | 96.7 | |
| GE 3500 | | 87.6 | 91.7 | 93.3 | 94.2 | 94.2 | 94.9 | 95.4 | 95.6 | 95.7 | 96.0 | 96.1 | 96.3 | 96.3 | 97.0 | |
| GE 3000 | | 89.1 | 93.6 | 95.2 | 96.1 | 96.1 | 96.8 | 97.4 | 97.7 | 97.7 | 98.0 | 98.1 | 98.3 | 98.3 | 99.0 | |
| GE 2500 | | 89.2 | 93.7 | 95.4 | 96.3 | 96.3 | 97.0 | 97.6 | 97.8 | 97.9 | 98.2 | 98.3 | 98.5 | 98.5 | 99.2 | |
| GE 2000 | | 89.3 | 93.9 | 95.6 | 96.5 | 96.5 | 97.2 | 97.8 | 98.1 | 98.1 | 98.4 | 98.5 | 98.7 | 98.8 | 99.4 | |
| GE 1800 | | 89.4 | 93.9 | 95.6 | 96.5 | 96.5 | 97.2 | 97.8 | 98.1 | 98.1 | 98.4 | 98.5 | 98.8 | 98.8 | 99.4 | |
| GE 1500 | | 89.4 | 93.9 | 95.6 | 96.5 | 96.5 | 97.3 | 97.9 | 98.1 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 | 99.5 | |
| GE 1200 | | 89.4 | 93.9 | 95.6 | 96.5 | 96.5 | 97.3 | 97.9 | 98.1 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 | 99.5 | |
| GE 1000 | | 89.4 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 97.9 | 98.2 | 98.2 | 98.5 | 98.6 | 98.9 | 98.9 | 99.6 | |
| GE 900 | | 89.4 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 800 | | 89.4 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 700 | | 89.4 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 600 | | 89.4 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 500 | | 89.4 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.6 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 400 | | 89.5 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.6 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 300 | | 89.5 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.6 | 98.7 | 98.9 | 98.9 | 99.6 | |
| GE 200 | | 89.5 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 99.7 | |
| GE 100 | | 89.5 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 99.8 | |
| GE 0 | | 89.5 | 94.0 | 95.7 | 96.6 | 96.6 | 97.4 | 98.0 | 98.2 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 93.9 | 95.5 | 96.2 | 96.3 | 96.3 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | |
| GE 4500 | | 93.9 | 95.5 | 96.2 | 96.3 | 96.3 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | |
| GE 4000 | | 94.9 | 96.4 | 97.1 | 97.3 | 97.3 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | |
| GE 3500 | | 94.9 | 96.4 | 97.1 | 97.3 | 97.3 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | |
| GE 3000 | | 95.9 | 97.5 | 98.2 | 98.3 | 98.3 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 2500 | | 96.1 | 97.6 | 98.3 | 98.4 | 98.4 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 2000 | | 96.1 | 97.6 | 98.3 | 98.4 | 98.4 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1800 | | 96.1 | 97.6 | 98.3 | 98.4 | 98.4 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1500 | | 96.1 | 97.6 | 98.3 | 98.4 | 98.4 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1200 | | 96.1 | 97.6 | 98.3 | 98.4 | 98.4 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1000 | | 96.2 | 97.7 | 98.4 | 98.6 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 900 | | 96.2 | 97.7 | 98.4 | 98.6 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 800 | | 96.2 | 97.7 | 98.4 | 98.6 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 700 | | 96.2 | 97.7 | 98.4 | 98.6 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 600 | | 96.2 | 97.7 | 98.4 | 98.6 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 500 | | 96.2 | 97.7 | 98.4 | 98.6 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 400 | | 96.3 | 97.9 | 98.6 | 98.7 | 98.7 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 300 | | 96.3 | 97.9 | 98.6 | 98.7 | 98.7 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE 200 | | 96.3 | 97.9 | 98.6 | 98.7 | 98.7 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 96.3 | 97.9 | 98.6 | 98.7 | 98.7 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 96.3 | 97.9 | 98.6 | 98.7 | 98.7 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 92.8 | 94.8 | 95.5 | 95.6 | 95.6 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| GE 4500 | | 92.8 | 94.8 | 95.5 | 95.6 | 95.6 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| GE 4000 | | 94.3 | 96.2 | 97.0 | 97.1 | 97.1 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | |
| GE 3500 | | 94.3 | 96.2 | 97.0 | 97.1 | 97.1 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | |
| GE 3000 | | 95.9 | 97.8 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 2500 | | 96.0 | 97.9 | 98.7 | 98.8 | 98.8 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 2000 | | 96.1 | 98.1 | 98.8 | 98.9 | 98.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1800 | | 96.1 | 98.1 | 98.8 | 98.9 | 98.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1500 | | 96.1 | 98.1 | 98.8 | 98.9 | 98.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 1200 | | 96.2 | 98.2 | 98.9 | 99.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 1000 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 96.5 | 98.4 | 99.1 | 99.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 86.9 | 91.0 | 92.0 | 93.1 | 93.1 | 93.4 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | |
| GE 4500 | | 87.1 | 91.2 | 92.3 | 93.3 | 93.3 | 93.7 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE 4000 | | 88.9 | 93.4 | 94.6 | 95.6 | 95.6 | 96.0 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE 3500 | | 89.3 | 93.9 | 95.2 | 96.2 | 96.2 | 96.5 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | |
| GE 3000 | | 90.5 | 95.5 | 97.1 | 98.2 | 98.2 | 98.7 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 2500 | | 90.5 | 95.5 | 97.1 | 98.2 | 98.2 | 98.7 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 2000 | | 90.6 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1800 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1500 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 90.8 | 95.7 | 97.3 | 98.4 | 98.4 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.3 | 89.8 | 91.7 | 92.3 | 92.3 | 93.0 | 93.2 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | |
| GE 4500 | | 85.6 | 90.0 | 92.0 | 92.7 | 92.7 | 93.4 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | |
| GE 4000 | | 87.1 | 91.5 | 93.5 | 94.5 | 94.5 | 95.3 | 95.6 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| GE 3500 | | 87.3 | 91.9 | 93.8 | 94.9 | 94.9 | 95.7 | 95.9 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | |
| GE 3000 | | 89.3 | 94.8 | 96.7 | 97.9 | 97.9 | 98.8 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 2500 | | 89.4 | 94.9 | 96.9 | 98.1 | 98.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE 2000 | | 89.5 | 95.0 | 97.0 | 98.3 | 98.3 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 1800 | | 89.5 | 95.0 | 97.0 | 98.3 | 98.3 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 1500 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1200 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1000 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 900 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 800 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 700 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 600 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 0 | | 89.6 | 95.1 | 97.1 | 98.4 | 98.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 77.4 | 84.3 | 87.1 | 88.5 | 88.6 | 89.7 | 90.2 | 90.4 | 90.4 | 90.7 | 91.1 | 91.3 | 91.3 | 91.7 | |
| GE 4500 | | 77.4 | 84.3 | 87.1 | 88.6 | 88.7 | 89.9 | 90.4 | 90.6 | 90.6 | 91.0 | 91.3 | 91.6 | 91.6 | 91.9 | |
| GE 4000 | | 79.4 | 86.6 | 89.8 | 91.4 | 91.6 | 92.7 | 93.3 | 93.6 | 93.6 | 94.1 | 94.5 | 94.7 | 94.7 | 95.1 | |
| GE 3500 | | 79.5 | 87.0 | 90.2 | 91.8 | 91.9 | 93.1 | 93.7 | 93.9 | 93.9 | 94.5 | 94.8 | 95.1 | 95.1 | 95.4 | |
| GE 3000 | | 81.1 | 89.8 | 93.1 | 94.7 | 94.8 | 96.0 | 96.6 | 97.0 | 97.0 | 97.5 | 97.9 | 98.1 | 98.1 | 98.5 | |
| GE 2500 | | 81.5 | 90.3 | 93.6 | 95.2 | 95.3 | 96.5 | 97.1 | 97.4 | 97.4 | 98.0 | 98.4 | 98.6 | 98.6 | 98.9 | |
| GE 2000 | | 81.7 | 90.6 | 93.9 | 95.8 | 95.9 | 97.1 | 97.7 | 98.1 | 98.1 | 98.7 | 99.1 | 99.3 | 99.3 | 99.6 | |
| GE 1800 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.2 | 97.8 | 98.2 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 1500 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.2 | 97.8 | 98.2 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 1200 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.2 | 97.8 | 98.2 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 1000 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.2 | 97.8 | 98.2 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.8 | |
| GE 900 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 800 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 700 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 600 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 500 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 400 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 300 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 200 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 99.9 | |
| GE 100 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 100.0 | |
| GE 0 | | 81.8 | 90.7 | 94.0 | 95.9 | 96.0 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.3 | 99.5 | 99.5 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 75.3 | 81.9 | 84.3 | 85.8 | 85.8 | 87.3 | 88.3 | 88.5 | 88.8 | 89.2 | 89.3 | 89.5 | 89.5 | 91.2 | |
| GE 4500 | | 75.3 | 81.9 | 84.3 | 85.8 | 85.8 | 87.3 | 88.3 | 88.5 | 88.8 | 89.2 | 89.3 | 89.5 | 89.5 | 91.2 | |
| GE 4000 | | 77.7 | 84.6 | 87.0 | 88.5 | 88.5 | 90.1 | 91.2 | 91.4 | 91.7 | 92.2 | 92.3 | 92.7 | 92.7 | 94.3 | |
| GE 3500 | | 78.0 | 84.9 | 87.5 | 89.0 | 89.0 | 90.6 | 91.7 | 91.9 | 92.2 | 92.7 | 92.8 | 93.2 | 93.2 | 94.8 | |
| GE 3000 | | 80.4 | 87.5 | 90.2 | 91.7 | 91.7 | 93.2 | 94.3 | 94.6 | 94.8 | 95.3 | 95.5 | 95.8 | 95.8 | 97.5 | |
| GE 2500 | | 80.6 | 87.9 | 90.6 | 92.1 | 92.1 | 93.6 | 94.7 | 95.0 | 95.2 | 95.7 | 95.8 | 96.2 | 96.2 | 97.9 | |
| GE 2000 | | 80.9 | 88.3 | 90.9 | 92.4 | 92.4 | 94.1 | 95.2 | 95.5 | 95.7 | 96.2 | 96.3 | 96.7 | 96.7 | 98.4 | |
| GE 1800 | | 80.9 | 88.3 | 90.9 | 92.4 | 92.4 | 94.1 | 95.2 | 95.5 | 95.7 | 96.2 | 96.3 | 96.7 | 96.7 | 98.4 | |
| GE 1500 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.5 | |
| GE 1200 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.5 | |
| GE 1000 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.5 | |
| GE 900 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.5 | |
| GE 800 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.5 | |
| GE 700 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.6 | |
| GE 600 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.6 | 94.2 | 95.3 | 95.6 | 95.8 | 96.3 | 96.5 | 96.9 | 96.9 | 98.6 | |
| GE 500 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.7 | 94.3 | 95.5 | 95.7 | 96.0 | 96.5 | 96.6 | 97.0 | 97.0 | 98.9 | |
| GE 400 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.7 | 94.3 | 95.5 | 95.7 | 96.0 | 96.5 | 96.6 | 97.0 | 97.0 | 98.9 | |
| GE 300 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.7 | 94.3 | 95.5 | 95.7 | 96.0 | 96.5 | 96.6 | 97.0 | 97.0 | 98.9 | |
| GE 200 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.7 | 94.3 | 95.5 | 95.7 | 96.0 | 96.5 | 96.6 | 97.0 | 97.0 | 99.0 | |
| GE 100 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.7 | 94.3 | 95.5 | 95.7 | 96.0 | 96.5 | 96.6 | 97.0 | 97.0 | 99.4 | |
| GE 0 | | 80.9 | 88.3 | 91.1 | 92.6 | 92.7 | 94.3 | 95.5 | 95.7 | 96.0 | 96.5 | 96.6 | 97.0 | 97.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 7/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 85.4 | 89.1 | 90.4 | 91.0 | 91.0 | 91.4 | 92.0 | 92.6 | 92.6 | 93.1 | 93.2 | 93.9 | 94.0 | 96.0 | |
| GE 4500 | | 85.4 | 89.1 | 90.4 | 91.0 | 91.0 | 91.4 | 92.0 | 92.6 | 92.6 | 93.1 | 93.2 | 93.9 | 94.0 | 96.0 | |
| GE 4000 | | 86.3 | 89.9 | 91.2 | 91.8 | 91.8 | 92.2 | 92.8 | 93.4 | 93.4 | 93.9 | 94.0 | 94.8 | 94.9 | 96.8 | |
| GE 3500 | | 86.3 | 89.9 | 91.2 | 91.8 | 91.8 | 92.2 | 92.8 | 93.4 | 93.4 | 93.9 | 94.0 | 94.8 | 94.9 | 96.8 | |
| GE 3000 | | 87.6 | 91.4 | 92.7 | 93.3 | 93.3 | 93.7 | 94.3 | 94.9 | 94.9 | 95.4 | 95.5 | 96.2 | 96.4 | 98.3 | |
| GE 2500 | | 87.7 | 91.5 | 92.8 | 93.4 | 93.4 | 93.8 | 94.4 | 95.0 | 95.0 | 95.5 | 95.6 | 96.4 | 96.5 | 98.4 | |
| GE 2000 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 1800 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 1500 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 1200 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 1000 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 900 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 800 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 700 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 600 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 500 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 400 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 300 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 200 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 98.7 | |
| GE 100 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 99.0 | |
| GE 0 | | 87.7 | 91.6 | 92.9 | 93.6 | 93.6 | 93.9 | 94.5 | 95.1 | 95.1 | 95.6 | 95.7 | 96.6 | 96.7 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | | | | | | | | | | | | | | |
| GE 20000 | | | | | | | | | | | | | | | | |
| GE 18000 | | | | | | | | | | | | | | | | |
| GE 16000 | | | | | | | | | | | | | | | | |
| GE 14000 | | | | | | | | | | | | | | | | |
| GE 12000 | | | | | | | | | | | | | | | | |
| GE 10000 | | | | | | | | | | | | | | | | |
| GE 9000 | | | | | | | | | | | | | | | | |
| GE 8000 | | | | | | | | | | | | | | | | |
| GE 7000 | | | | | | | | | | | | | | | | |
| GE 6000 | | | | | | | | | | | | | | | | |
| GE 5000 | | 90.2 | 92.3 | 93.1 | 93.6 | 93.6 | 94.0 | 94.7 | 94.9 | 95.1 | 95.3 | 95.7 | 96.0 | 96.0 | 97.6 |
| GE 4500 | | 90.2 | 92.3 | 93.1 | 93.6 | 93.6 | 94.0 | 94.7 | 94.9 | 95.1 | 95.3 | 95.7 | 96.0 | 96.0 | 97.6 |
| GE 4000 | | 91.0 | 93.0 | 94.2 | 94.7 | 94.7 | 95.1 | 95.8 | 96.0 | 96.1 | 96.4 | 96.7 | 97.1 | 97.1 | 98.7 |
| GE 3500 | | 91.1 | 93.1 | 94.3 | 94.8 | 94.8 | 95.2 | 95.9 | 96.1 | 96.3 | 96.5 | 96.9 | 97.2 | 97.2 | 98.8 |
| GE 3000 | | 91.8 | 93.9 | 95.1 | 95.5 | 95.5 | 95.9 | 96.6 | 96.9 | 97.0 | 97.2 | 97.6 | 98.0 | 98.0 | 99.5 |
| GE 2500 | | 91.8 | 93.9 | 95.1 | 95.5 | 95.5 | 95.9 | 96.6 | 96.9 | 97.0 | 97.2 | 97.6 | 98.0 | 98.0 | 99.5 |
| GE 2000 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.7 | 97.0 | 97.1 | 97.3 | 97.7 | 98.1 | 98.1 | 99.6 |
| GE 1800 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.7 | 97.0 | 97.1 | 97.3 | 97.7 | 98.1 | 98.1 | 99.6 |
| GE 1500 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.7 | 97.0 | 97.1 | 97.3 | 97.7 | 98.1 | 98.1 | 99.6 |
| GE 1200 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.7 | 97.0 | 97.1 | 97.3 | 97.7 | 98.1 | 98.1 | 99.6 |
| GE 1000 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.7 | 97.0 | 97.1 | 97.3 | 97.7 | 98.1 | 98.1 | 99.6 |
| GE 900 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 800 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 700 | | 91.6 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 600 | | 91.6 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 500 | | 91.6 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 400 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 300 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.5 | 97.8 | 98.2 | 98.2 | 99.8 |
| GE 200 | | 91.6 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.6 | 98.0 | 98.3 | 98.3 | 99.9 |
| GE 100 | | 91.6 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.6 | 98.0 | 98.3 | 98.3 | 99.9 |
| GE 0 | | 91.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.0 | 96.9 | 97.1 | 97.2 | 97.6 | 98.0 | 98.3 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

2

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# SKY CC

-160 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| JAN | 00-02 | 55.6 | 4.1 | | 7.7 | 7.7 | .1 | 4. | | .1 | .1 | --. | 2.3 |
| | 3-05 | 55.1 | 5.6 | | 6.8 | 7.7 | 5.6 | 4.9 | | .6 | 4. | .2 | 2.3 |
| | 6-08 | 34.3 | 5.1 | | 6.5 | 8.9 | 1 .2 | 17.6 | | 7.6 | 8. | 6.- | . |
| | 9-11 | 32.5 | 6.2 | | 10.0 | 5.7 | 8.6 | 10.4 | | 7.9 | 1 . | 6.. | 3 |
| | 12-14 | 3 .6 | 10.2 | | 7.8 | 9.6 | 5.3 | 6.2 | | 11. | 8.2 | --. | 4.7 |
| | 15-17 | 26.8 | 7.3 | | 6.4 | 8.4 | 7.3 | 1 .1 | | 1 . | 11. | 5. | 4 4 |
| | 18-2 | 27.0 | 6.6 | | 10.0 | 12.0 | 5.0 | 7.5 | | 14.9 | 11.6 | 5.- | 4.3 |
| | 21-23 | 43.8 | 6.5 | | 11.2 | 5.8 | 8.7 | 5.4 | | .. | 5. | 4.7 | .2 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3 .2 | 6.7 | | 9.3 | 8.3 | 7.1 | 7.7 | | 6.2 | 6.1 | 2.4 | 3.7 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COV

41[illegible] STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (E.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| [illegible] | [illegible]-02 | 6.5 | 5.5 | | [illegible].1 | 6.4 | 4.1 | 4. | | [illegible] | 2.[illegible] | 1. | 1. |
| | 03-05 | 71.1 | 2.4 | | [illegible].5 | 7.6 | 3.4 | 2.7 | | [illegible].4 | 2.1 | 1.[illegible] | 1. |
| | [illegible]-[illegible] | 50.2 | 10.3 | | 7.9 | 6.3 | 4.3 | 4.7 | | [illegible].[illegible] | 5.[illegible] | 2. | 2. |
| | [illegible]-11 | 5[illegible]. | 5.4 | | 6.2 | 7.8 | 5.1 | 4.7 | | [illegible].[illegible] | 6.[illegible] | [illegible].4 | 2.7 |
| | 12-14 | 4.9 | 6.6 | | 6.9 | 7.3 | 5.5 | 4.4 | | [illegible].6 | 6. | 4.[illegible] | 2.6 |
| | 1[illegible]-17 | 49.2 | [illegible].4 | | [illegible].4 | [illegible].1 | 5.8 | 5.4 | | [illegible].8 | [illegible]. | .[illegible] | 2. |
| | 1[illegible]-2[illegible] | 44.[illegible] | 8.7 | | 9.8 | 12.0 | 4. | 5.8 | | [illegible].5 | [illegible].3 | 4.[illegible] | . |
| | 1-23 | 60.6 | 5.3 | | [illegible].5 | 6.[illegible] | [illegible].3 | [illegible].[illegible] | | 5. | 2.[illegible] | 1. | 1. |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | [illegible].5 | 6.3 | | [illegible].[illegible] | 6.[illegible] | [illegible].1 | 4.[illegible] | | [illegible].4 | [illegible].[illegible] | [illegible].[illegible] | 2.[illegible] |

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# SKY COVE

[illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF | TO NU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | 00-02 | 92.3 | 1.4 | | .2 | .5 | .9 | .5 | | | | | | |
| | 03-05 | 92.1 | 1.4 | | .4 | 1.4 | 1. | | | . | .3 | . | .3 | |
| | 06-08 | 86. | 4.1 | | .5 | 2.5 | .4 | 1.7 | | 1.7 | .4 | . | .5 | |
| | 09-11 | 87.3 | 4.6 | | .5 | 1.4 | 1.1 | .4 | | .7 | . | . | .4 | |
| | 12-14 | 87.9 | 2.7 | | .1 | 1.9 | 1.9 | .5 | | .2 | .4 | | . | |
| | 15-17 | 86.3 | 5.1 | | .4 | 4.1 | | .5 | | 1.2 | . | | . | |
| | 18-20 | 86.4 | 5.4 | | .1 | 1.2 | .8 | .8 | | | 1.2 | | . | |
| | 21-23 | 90.2 | 1.4 | | .9 | 2.5 | .7 | .7 | | | . | . | .4 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 89. | .3 | | .0 | 1.3 | .7 | .7 | | . | . | . | | |

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# SKY COVE

4160 STATION — A. J.BAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| J[illegible] | 0-02 | 20.1 | 2.7 | | .7 | 2.2 | | .5 | | 1. | | . | . | |
| | 03-05 | 37.8 | 2. | | 4.4 | 1.4 | 1.0 | 1.4 | | .7 | .7 | .7 | . | |
| | 06-08 | 63.7 | 3.9 | | 11.3 | 5.1 | 2.4 | 2.8 | | 1. | 1.4 | 1.2 | 1.5 | |
| | 09-11 | 74.7 | 6.0 | | 6.3 | 4.3 | 2.3 | 1.7 | | . | 2.3 | .7 | 1. | |
| | 12-14 | 73.2 | 5.0 | | 7.7 | 4.2 | 1.2 | .4 | | . | 1.2 | . | .7 | |
| | 15-17 | 77. | 7.6 | | 4.9 | 5.6 | 2.3 | .7 | | . | .7 | . | . | |
| | 18-20 | 75.4 | 7.3 | | 6.5 | 2.8 | 1.6 | 1.6 | | 2. | . | | . | |
| | 21-23 | 62.6 | 3.4 | | 4.1 | 5.1 | 2.0 | 1.4 | | .7 | . | | .7 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 7.3 | .4 | | .2 | 4.0 | 1.6 | 1.3 | | 1. | . | . | . | |

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2

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# SKY COVE

-152 ... JUBAY./DHAHRAN SAUDI A-ABIA 75-84
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF ... |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| | ...-02 | 71.3 | 1.4 | | .2 | 1.4 | 1.4 | .9 | | .5 | | | . |
| | 03-05 | 87.9 | 3.. | | 3.4 | 1.0 | 2.0 | 1.7 | | .7 | | . | . |
| | 0...-08 | 69.7 | 8.4 | | ..4 | 5.6 | 2.3 | 2.. | | 1.2 | . | . | 1.1 |
| | -11 | 74.2 | 5.3 | | 7.9 | 4.3 | 2.6 | 1.7 | | . | .. | .. | 1. |
| | 12-14 | 82.3 | 4.1 | | 4.9 | 3.7 | 2.1 | 1.2 | | 1.. | | | . |
| | 1..-17 | 80.7 | 5.8 | | ..1 | 2.4 | 1.4 | 2.7 | | .7 | . | | . |
| | 1..-20 | 77.2 | 6.2 | | 4.6 | 2.9 | 3.3 | 1.2 | | 2.. | 1.7 | .4 | . |
| | 21-23 | 75.6 | 3.8 | | 4.8 | ..1 | 1.0 | 1.4 | | . | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 81.1 | 4.8 | | ..4 | ..1 | 2.1 | 1.7 | | 1.. | . | .. | . |

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# SKY COVER

41603 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF | TOTAL NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| [illegible] | 00-02 | 97.0 | | | .0 | .5 | 1.0 | .5 | | | | | .[illegible] | 2 |
| | 03-05 | 93.0 | .7 | | 2.5 | 1.1 | | 1.1 | | . | | 1. | .4 | 2 |
| | 06-08 | 83.0 | 5.0 | | .9 | 4.1 | .9 | | | . | . | 2.3 | .[illegible] | 2 |
| | 09-11 | 85.1 | 5.2 | | .[illegible] | 4.2 | .3 | .7 | | . | 1. | .[illegible] | . | 2 |
| | 12-14 | 91.6 | 2.9 | | .5 | .4 | 1.3 | | | | | . | .3 | 2 |
| | 15-17 | 94.2 | 2.7 | | .0 | 1.4 | .3 | | | . | | | . | |
| | 18-20 | 96.6 | 2.6 | | .0 | 1.7 | 1.3 | .4 | | .[illegible] | . | . | | 2 |
| | 21-23 | 96.3 | 1.1 | | 1.5 | 1.1 | | | | | | | .[illegible] | 2 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | [illegible] | 2.5 | | 2.5 | 1.6 | .6 | .3 | | .4 | .3 | .[illegible] | | 22 |

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# SKY COVER

[illegible] STATION | JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN [illegible] TENTHS | [illegible] NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | 00-02 | 87.1 | 2.2 | | [illegible].7 | 1.1 | 2.7 | 1.1 | | .1 | | [illegible] | [illegible] | [illegible] |
| | 03-05 | 86.5 | 2.8 | | 3.5 | 3.1 | .7 | 1.4 | | .7 | [illegible] | 1. | [illegible] | 28 |
| | [illegible]-08 | 69.8 | [illegible] | | [illegible].3 | [illegible].1 | 3.1 | 3.6 | | [illegible].7 | 1.[illegible] | 2. | 1.[illegible] | 22 |
| | -11 | 74.8 | 7.1 | | 4.8 | 2.4 | 1.7 | [illegible].4 | | [illegible].7 | .7 | 1.[illegible] | 1.1 | 29[illegible] |
| | 12-14 | 74.5 | 6.[illegible] | | 4.[illegible] | 5.2 | [illegible].2 | 2.4 | | [illegible]. | 1.2 | | 1.1 | 25[illegible] |
| | 15-17 | 71.[illegible] | [illegible].6 | | 5.9 | 2.6 | 2.4 | 4.1 | | [illegible].4 | [illegible].[illegible] | | 1. | 2 |
| | 1[illegible]-2[illegible] | 68.5 | 7.5 | | 5.0 | 2.5 | 5.[illegible] | 2.[illegible] | | [illegible]. | 4.6 | . | 1.[illegible] | 23 |
| | 21-23 | 82.3 | 3.5 | | 2.5 | 3.9 | 1.1 | 3.9 | | 1.1 | . | 1.1 | . | 28. |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | [illegible].9 | [illegible].6 | | 4.2 | 3.0 | 2.[illegible] | 2.9 | | [illegible].3 | 1.[illegible] | 1.2 | 1. | 2.5 |

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# SKY COVER

4165 — AL JUBAYL/DHAHRAN SAUDI ARABIA — 75-84

STATION — STATION NAME — PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS L.S.T. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS COVER | TOTAL NUMBER OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| [illegible] | 00-02 | 6.3 | 2.9 | | [illegible].3 | 3.4 | 3.[illegible] | 2.9 | | [illegible].[illegible] | 4.4 | 2.[illegible] | 1.7 | 2[illegible] |
| | 03-05 | 6.9 | 3.6 | | 7.6 | 3.6 | 4.0 | 3.6 | | 2.[illegible] | 2.[illegible] | 2.[illegible] | 1.[illegible] | 27 |
| | 06-08 | 41.6 | 12.2 | | 1.[illegible]1 | 7.[illegible] | 4.2 | 6.7 | | [illegible].1 | [illegible].[illegible] | 4.[illegible] | [illegible].[illegible] | 23 |
| | [illegible]-11 | 42.6 | 14.4 | | 9.5 | 6.[illegible] | 4.[illegible] | 6.3 | | 5.7 | 5.[illegible] | [illegible].2 | 2.7 | 2[illegible] |
| | 12-14 | 42.[illegible] | 11.8 | | 9.4 | 10.6 | 7.3 | 3.3 | | 5.7 | 5.[illegible] | [illegible].[illegible] | 2.7 | 24 |
| | 15-17 | 42.9 | 14.[illegible] | | 1.[illegible]1 | 7.7 | 4.2 | 6.3 | | 5.4 | [illegible].[illegible] | 2.[illegible] | 2.[illegible] | 2[illegible] |
| | [illegible]-20 | 46.3 | 8.7 | | 11.2 | 6.6 | 7.[illegible] | [illegible].[illegible] | | [illegible].2 | 5.[illegible] | 2.[illegible] | 2.[illegible] | 2[illegible] |
| | 21-23 | 63.6 | 6.4 | | [illegible].4 | 7.9 | 6.4 | 2.[illegible] | | [illegible].1 | 3.[illegible] | [illegible].1 | 1.7 | [illegible]3 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | [illegible].[illegible]1 | [illegible].[illegible]3 | | [illegible].[illegible]7 | [illegible].7 | [illegible].[illegible]2 | 4.7 | | [illegible].[illegible] | [illegible].3 | 2.[illegible] | [illegible].3 | 2.[illegible] |

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# SKY COVER

15C — J.BAYL/DHAHRAN SAUDI ARABIA — 75-84 — D C
STATION — STATION NAME — PERIOD — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| [illegible] | 00-02 | [illegible].0 | 5.2 | | 12.7 | 7.1 | 2.4 | 4.2 | | [illegible].3 | 4.7 | 1.4 | 1. | [illegible].1 |
| | [illegible]-05 | 5[illegible].2 | 0.6 | | 10.1 | 3.[illegible] | 5.2 | 4.2 | | 4.[illegible] | 2.4 | 4.2 | 2. | 2.7 |
| | [illegible]-08 | 38.[illegible] | 1[illegible].4 | | 14.2 | 5.8 | 5.[illegible] | 6.7 | | 7. | 5.[illegible] | 5. | [illegible].2 | 24[illegible] |
| | [illegible]-11 | 2[illegible].4 | 11.1 | | 8.4 | 11.1 | 6.[illegible] | 9.5 | | 11.[illegible] | 7.4 | 7.[illegible] | 4.[illegible] | 29 |
| | 1[illegible]-14 | 26.[illegible] | 11.[illegible] | | [illegible].2 | 13.4 | [illegible].9 | 9.5 | | 10.[illegible] | 5.[illegible] | [illegible].2 | 3.[illegible] | 25[illegible] |
| | 1[illegible]-17 | 23.2 | 13.8 | | 9.4 | 8.4 | 6.7 | 9.4 | | 11. | 11.[illegible] | 5.4 | 4.2 | 297 |
| | 1[illegible]-20 | 2[illegible].0 | 11.4 | | 13.8 | 11.[illegible] | 10.2 | 6.1 | | [illegible].9 | .3 | 5.3 | 3.[illegible] | 24[illegible] |
| | [illegible]1-23 | 51.6 | 7.[illegible] | | [illegible].7 | 6.[illegible] | 7.[illegible] | [illegible].2 | | 4.[illegible] | [illegible].[illegible] | .[illegible] | 2.4 | 28[illegible] |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 3[illegible].[illegible] | [illegible].7 | | 1[illegible].9 | [illegible].4 | 6.7 | 6.9 | | 7.[illegible] | [illegible].[illegible] | 4.[illegible] | [illegible].[illegible] | 212[illegible] |

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# SKY COVER

4163 AL JUBAYL/CHAHRA SAUDI ARABIA 75-84 L
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | 4..7 | 9.1 | | .5 | 7.2 | .1 | 4.7 | | .6 | 6.3 | .4 | 2. | 2 31 |
| | | 4.2 | 7.9 | | 7.4 | 5.8 | 5.6 | .8 | | 4.4 | 7.5 | 7.7 | 3. | 1 79 |
| | | 3-.6 | 6.6 | | 7.9 | 8.1 | 6.6 | 6.4 | | 5.5 | 3. | 1 .4 | | 21 |
| | | 2 .2 | 6.7 | | 9.3 | 5.3 | 7.1 | 7.7 | | 9.2 | .1 | .4 | 3. | 2 4 |
| | | 25.5 | 8.3 | | 6.8 | 6.8 | 5.1 | 4. | | 8.4 | 5.2 | 3.1 | 2.4 | 215 |
| | | 59.6 | .3 | | 3.0 | 1.9 | .- | .7 | | . | | .2 | | 2123 |
| | | 7 . | .4 | | 8.2 | 4.0 | 1.8 | 1.3 | | 1. | . | . | .- | 21 |
| | | 51.1 | 4.8 | | 5.4 | 3.1 | 2.1 | 1.7 | | 1. | .4 | .2 | . | 213 |
| | | 8 .0 | 2.5 | | 6.5 | 1.8 | .6 | .3 | | .4 | .7 | . | . | 2027 |
| | | 78.3 | .6 | | 4.2 | 3.0 | 2.3 | 2.5 | | .3 | 1.1 | 1.2 | 1. | 2.5 |
| | | 82.1 | 7.3 | | 9.2 | 6.7 | 5.2 | 4.7 | | 4.3 | 1.3 | .. | .3 | 2 5 |
| | | 3-. | 7.7 | | 1..7 | .4 | 6.7 | 6.9 | | 7. | 5. | 4. | .3 | 212 |
| TOTALS | | 1.. | .4 | | 8.5 | 5.4 | 4.2 | 3.9 | | 4.. | .2 | 3. | 2. | 24 |

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily HIGH temperatures (for available observations)
   b. Daily LOW temperatures (for available observations)
   c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\Sigma X^2$), sums of values ($\Sigma X$), means ($\overline{X}$), and standard deviations ($\sigma x$). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

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AL JUBAYL/JUBAIL SAUDI ARABIA 73-84
STATION STATION NAME YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 120 | | | | | | 1.3 | 2.5 | .3 | | | | | .4 |
| ≥ 115 | | | | | .3 | 12.8 | 22.7 | 6.4 | 3.5 | | | | 4.4 |
| ≥ 110 | | | | 1.3 | 11.2 | 56.1 | 76.7 | 56.4 | 26.4 | .7 | | | 24.4 |
| ≥ 105 | | | | 6.4 | 45.1 | 91.1 | 96.3 | 99.4 | 72.3 | 12.6 | | | 46.1 |
| ≥ 100 | | | .3 | 23.7 | 79.2 | 99.7 | 100.0 | 100.0 | 98.1 | 47.5 | 1.4 | | 67.5 |
| ≥ 95 | | | 5.1 | 43.3 | 97.9 | 100.0 | | | 100.0 | 79.4 | 5.5 | | 80.7 |
| ≥ 90 | | .7 | 15.2 | 68.3 | 99.4 | | | | | 94.2 | 21.7 | .3 | 91.4 |
| ≥ 85 | 1.1 | 6.1 | 39.6 | 92.9 | 100.0 | | | | | 99.3 | 55.2 | 7.7 | 99.2 |
| ≥ 80 | 8.0 | 24.9 | 67.3 | 97.8 | | | | | | 100.0 | 91.3 | 34.2 | 99.8 |
| ≥ 75 | 37.5 | 61.8 | 87.7 | 100.0 | | | | | | | 99.0 | 64.1 | 99.9 |
| ≥ 70 | 73.5 | 89.8 | 97.6 | | | | | | | | 99.7 | 87.2 | 99.9 |
| ≥ 65 | 95.4 | 98.2 | 99.4 | | | | | | | | 100.0 | 98.7 | 99.9 |
| ≥ 60 | 99.3 | 100.0 | 100.0 | | | | | | | | | 99.8 | 100.0 |
| ≥ 55 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 67.8 | 70.9 | 77.7 | 88.0 | 96.5 | 102.3 | 107.3 | 105.1 | 102.1 | 93.3 | 81.0 | 71.8 | 87.6 |
| S.D. | 4.147 | 5.467 | 6.989 | 6.993 | 5.847 | 4.173 | 3.736 | 3.292 | 4.066 | 5.24 | 5.477 | 6.537 | 14.493 |
| TOTAL OBS | 273 | 251 | 333 | 313 | 342 | 313 | 326 | 326 | 314 | 31 | 270 | 248 | 7,3 |

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# DAILY TEMPERATURES

[illegible] SERVICE/MAC

[illegible] DHAHRAN/DHAHRAN SAUDI ARABIA [illegible]

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | .6 | | | | | | .0 |
| | | | | | | .1 | 6.4 | .1 | | | | | 1.0 |
| | | | | | .0 | 1.0 | 27.3 | 2.4 | .0 | | | | .4 |
| | | | | | .4 | 6.2 | 59.6 | 7.0 | 7.1 | .3 | | | .9 |
| | | | | .7 | 2.6 | 24.6 | 89.7 | 9.1 | 3.1 | 24.6 | | | .9 |
| | | | .0 | 30.1 | 8.6 | 9.7 | 100.0 | 100.0 | 9.7 | 1.0 | 7.0 | .7 | 1.7 |
| | .4 | .4 | .4 | 89.9 | 97.4 | 100.0 | | | 100.0 | 5.7 | 1.7 | .7 | .0 |
| | 7.1 | .9 | 46.7 | 91.0 | 99.7 | | | | | 4.0 | 8.2 | 17.8 | .1 |
| | 24.4 | 4.2 | 7.6 | 99.0 | 100.0 | | | | | 100.0 | 9.4 | 45.6 | .7 |
| | 52.7 | 7.6 | 94.0 | 100.0 | | | | | | | 35.0 | 7.0 | .7 |
| | 8.0 | 10.9 | 100.0 | | | | | | | | | 1.5 | 1.4 |
| | 45.2 | 100.0 | | | | | | | | | | 7.7 | 7.9 |
| | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 65.5 | 72.1 | 78.9 | 87.3 | 95.5 | 91.3 | 93.2 | 94.2 | 77.4 | 7.9 | 82.2 | 53.3 | 88.1 |
| S.D. | 5.784 | 5.899 | 6.250 | 5.275 | 4.939 | 4.574 | 3.671 | 3.715 | 3.316 | 4.994 | 4.999 | 5.991 | 13.564 |
| TOTAL OBS | 293 | 261 | 333 | 312 | 340 | 313 | 326 | 326 | 314 | 301 | 295 | 298 | 3719 |

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

# PSYCHROMETRIC SUMMARY

41452 STATION — 8. DHAHRAN/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — SEP MONTH

PAGE 1 — 0000-2300 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥77 71 | | | | | .2 | | .1 | | | | | | | | | | | 3 | 7 | | |
| 72-76 69 | | | | .1 | .3 | | | | | | | | | | | | | 4 | 2 | | |
| 67-71 57 | | | .4 | .1 | | .1 | .1 | | | | | | | | | | | 5 | 5 | | |
| 62-66 55 | | 1.2 | .2 | .7 | .2 | | | .1 | | | | | | | | | | 24 | 24 | 5 | |
| 57-61 53 | .7 | 3.5 | 4.5 | 3.3 | .5 | 1.1 | .4 | | | | | | | | | | | 141 | 141 | 25 | 17 |
| 52-56 51 | 1.1 | 3.9 | 3.2 | .5 | .2 | | .3 | | | | | | | | | | | 52 | 52 | 93 | 43 |
| 47-51 59 | 1.5 | 5.4 | 3.5 | 1.5 | .8 | | .3 | | | | | | | | | | | 97 | 95 | 58 | 74 |
| 42-46 57 | .7 | 3.3 | 1.8 | 1.2 | .5 | .1 | | | | | | | | | | | | 56 | 58 | 84 | 74 |
| 37-41 55 | .8 | 5.4 | 2.7 | 1.2 | .3 | | | | | | | | | | | | | 52 | 52 | 59 | 58 |
| 32-36 53 | 1.4 | 3.1 | 1.2 | .7 | .2 | | | | | | | | | | | | | 54 | 54 | 25 | 72 |
| 27-31 51 | .9 | 4.1 | 4.5 | .8 | .5 | .1 | .1 | | | | | | | | | | | 61 | 61 | 67 | 67 |
| 22-26 49 | .3 | 2.7 | 2.2 | .7 | .3 | | | | | | | | | | | | | 43 | 44 | 72 | 52 |
| 17-21 47 | .9 | 2.3 | 1.5 | .7 | | | | | | | | | | | | | | 40 | 41 | 77 | 53 |
| 12-16 45 | | 1.5 | .7 | .5 | .4 | .1 | | | | | | | | | | | | 27 | 27 | 39 | 97 |
| 7-11 43 | | | .1 | .4 | | | | | | | | | | | | | | 7 | 7 | 15 | 35 |
| 2-6 41 | | | | | | | | | | | | | | | | | | | | 14 | 47 |
| -3-1 39 | | | | | | | | | | | | | | | | | | | | 13 | 14 |
| -8-(-4) 37 | | | | | | | | | | | | | | | | | | | | 4 | 13 |
| -13-(-9) 35 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| -18-(-14) 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| -23-(-19) 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| -28-(-24) 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| -33-(-29) 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| -38-(-34) 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| ≤-39 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 3.5 | 41.2 | 2.9 | 2.1 | 3.2 | 5.7 | 1.5 | 1.4 | .1 | | | | | | | | 737 | 743 | 777 | 737 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5122965 | 53337 | 81.5 | 12.381 | 737 | | | | | | | |
| Dry Bulb | 2417301 | 42031 | 56.9 | 5.795 | 743 | | | 1.4 | | | | 1.4 |
| Wet Bulb | 2153329 | 39447 | 53.3 | 5.945 | 737 | | | | | | | 54 |
| Dew Point | 1953335 | 37523 | 51.2 | 7.355 | 737 | | 1.7 | | | | | 54 |

FORM AUL 8-6 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JAN — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| [illegible] | 4.9 | 22.3 | 23.3 | 17.5 | 12.5 | 11.2 | 5.7 | 3.4 | 1.0 | .4 | .1 | .0 | .0 | | | | | | 6534 | | 6523 | |
| | | | | | | | | | | | | | | | | | | | 6523 | | 6523 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 38334344 | 461254 | 71.7 | 17.36 | 6523 | | | | | | | |
| Dry Bulb | 23152527 | 386159 | 59.1 | 7.26 | 6533 | | | 132.7 | 19.1 | .7 | | 744 |
| Wet Bulb | 19991659 | 349633 | 53.5 | 5.71 | 6523 | | .1 | 1.1 | | | | 744 |
| Dew Point | 15152872 | 317772 | 48.7 | 7.52 | 6523 | | 18.1 | .1 | | | | 744 |

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AGERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

403150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JAN MONTH

PAGE 1 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44/ 43 | | | | | | | | | | | | | .0 | | | | | 0 | 0 | | |
| 42/ 41 | | | | | | | | | | | .0 | | .0 | | | | | 3 | 3 | | |
| 40/ 39 | | | | | | | | .0 | | | .0 | | | | | | | 3 | 3 | | |
| 38/ 37 | | | | | | .0 | .0 | .1 | .1 | .0 | .0 | | | | | | | 23 | 23 | | |
| 36/ 35 | | | | | | .1 | .2 | .1 | .0 | .0 | .0 | .0 | | | | | | 31 | 32 | | |
| 34/ 33 | | | | .0 | .0 | .4 | .7 | .2 | .1 | .1 | .0 | | | | | | | 108 | 108 | | |
| 32/ 31 | | | | .2 | .3 | .5 | .6 | .1 | .0 | .1 | | | | | | | | 116 | 116 | | |
| 30/ 29 | | .0 | .4 | .4 | .7 | 1.4 | .6 | .6 | .1 | .1 | .0 | | | | | | | 256 | 256 | | |
| 28/ 27 | .0 | | .3 | .4 | 1.1 | .9 | .9 | .4 | .2 | .0 | | | | | | | | 316 | 316 | 13 | 1 |
| 26/ 25 | .0 | 1.0 | 1.4 | 1.8 | 1.0 | 1.6 | 1.4 | .6 | .1 | .0 | | | | | | | | 591 | 592 | 98 | 5 |
| 24/ 23 | .0 | 2.7 | 1.9 | 2.5 | 2.2 | 3.0 | 1.0 | .6 | .1 | .0 | | | | | | | | 950 | 952 | 324 | 169 |
| 22/ 21 | .4 | 1.5 | 1.3 | 1.6 | 1.7 | .6 | .4 | .3 | .0 | .0 | | | | | | | | 512 | 512 | 545 | 224 |
| 20/ 19 | .8 | 2.7 | 2.7 | 2.4 | 1.9 | 1.2 | .6 | .1 | .0 | | | | | | | | | 806 | 808 | 532 | 379 |
| 18/ 17 | .4 | 1.2 | 1.6 | 1.4 | .7 | .6 | .2 | .0 | .0 | | | | | | | | | 395 | 395 | 714 | 420 |
| 16/ 15 | .8 | 2.7 | 2.3 | 2.3 | 1.0 | .4 | .1 | | | | | | | | | | | 623 | 626 | 715 | 431 |
| 14/ 13 | .4 | 1.8 | 1.9 | 1.3 | .6 | .2 | .0 | | | | | | | | | | | 412 | 413 | 833 | 520 |
| 12/ 11 | .3 | 2.1 | 2.6 | 1.2 | .6 | .1 | .0 | | | | | | | | | | | 455 | 459 | 567 | 519 |
| 10/ 09 | .3 | 1.6 | 1.2 | .6 | .2 | .1 | .0 | | | | | | | | | | | 261 | 262 | 702 | 596 |
| 08/ 07 | .6 | 2.3 | .8 | .3 | .2 | .1 | | | | | | | | | | | | 311 | 311 | 569 | 584 |
| 06/ 05 | .4 | 1.6 | 1.2 | .4 | .1 | .0 | | | | | | | | | | | | 223 | 225 | 335 | 1010 |
| 04/ 03 | .1 | .3 | .3 | .2 | | | | | | | | | | | | | | 54 | 54 | 199 | 467 |
| 02/ 01 | .0 | .3 | .1 | .1 | | | | | | | | | | | | | | 34 | 34 | 123 | 360 |
| 00/ 99 | | .0 | .0 | .0 | | | | | | | | | | | | | | 5 | 5 | 72 | 269 |
| 98/ 97 | | | .0 | .0 | | | | | | | | | | | | | | 4 | 4 | 21 | 226 |
| 96/ 95 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 9 | 107 |
| 94/ 93 | | | | | | | | | | | | | | | | | | | | 4 | 115 |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | 1 | 75 |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | 22 |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | 41 |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | 12 |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | 4 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 4 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41103 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JAN — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 72/ 69 | | | | | .1 | .5 | .1 | .1 | .1 | | | | | | | | | 5 | 8 | | |
| 70/ 67 | | | | .5 | .1 | .2 | | | | | | | | | | | | 8 | 8 | | |
| 68/ 65 | | | .9 | 2.6 | 2.3 | .4 | | .1 | .2 | | | | | | | | | 53 | 53 | 5 | |
| 66/ 63 | .5 | 5.3 | 3.7 | 2.5 | .5 | .2 | | | | | | | | | | | | 133 | 133 | 35 | 1 |
| 64/ 61 | .5 | 2.7 | 3.0 | 1.2 | 1.5 | .1 | | .1 | | | | | | | | | | 74 | 74 | 87 | 41 |
| 62/ 59 | .9 | 3.6 | 5.4 | 3.9 | 1.5 | 1.1 | .4 | | | | | | | | | | | 144 | 145 | 57 | 63 |
| 60/ 57 | | 2.3 | 3.9 | 1.7 | .4 | .1 | | | | | | | | | | | | 69 | 69 | 75 | 66 |
| 58/ 55 | 1.0 | 4.2 | 5.1 | 4.7 | 1.0 | .2 | | | | | | | | | | | | 131 | 131 | 35 | 67 |
| 56/ 53 | .1 | 2.7 | 3.7 | 3.0 | .7 | .2 | | | | | | | | | | | | 85 | 85 | 123 | 85 |
| 54/ 51 | .2 | 1.8 | 4.2 | 1.1 | .5 | .2 | .1 | | | | | | | | | | | 67 | 68 | 101 | 75 |
| 52/ 49 | | .6 | 1.7 | .9 | .2 | .1 | | | | | | | | | | | | 29 | 29 | 109 | 88 |
| 50/ 47 | | 1.3 | 1.3 | 1.1 | .2 | | | | | | | | | | | | | 27 | 27 | 55 | 57 |
| 48/ 45 | | .4 | .4 | .2 | .2 | | | | | | | | | | | | | 12 | 11 | 33 | 114 |
| 46/ 43 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 24 | 47 |
| 44/ 41 | | | | | | | | | | | | | | | | | | | | 12 | 39 |
| 42/ 39 | | | | | | | | | | | | | | | | | | | | 4 | 24 |
| 40/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 38/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 33 | | | | | | | | | | | | | | | | | | | | | 12 |
| 34/ 31 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.2 | 25.5 | 35.5 | 22.9 | 7.9 | 2.5 | .7 | .5 | | | | | | | | | | 811 | 814 | 811 | 811 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $s_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4248329 | 62551 | 77.1 | 12.367 | 811 | | | | | | | |
| Dry Bulb | 2723753 | 46374 | 57.6 | 5.146 | 814 | | | 1.9 | .1 | | | 93 |
| Wet Bulb | 2353273 | 43559 | 53.7 | 5.502 | 811 | | | | | | | 93 |
| Dew Point | 2235263 | 43722 | 52.2 | 7.161 | 811 | | 1.4 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL-A) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41463 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JAN — MONTH
PAGE 1
1401-2000 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 75 | | | | | | .4 | .1 | | | | | | | | | | | 4 | 4 | | |
| 72/ 71 | | | | | .1 | .5 | .1 | | | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | | .1 | .3 | 1.0 | .9 | .1 | | .1 | | | | | | | | | 2 | 22 | | |
| 68/ 67 | | | .9 | .3 | 1.5 | .4 | | | | | | | | | | | | 22 | 22 | | |
| 66/ 65 | | 2.4 | 2.5 | 2.9 | 1.0 | .3 | .1 | | | | | | | | | | | 77 | 77 | 5 | |
| 64/ 63 | .4 | 2.6 | 3.3 | 7.6 | 4.9 | 1.5 | .4 | | | | | | | | | | | 166 | 166 | 51 | .5 |
| 62/ 61 | .5 | 1.1 | 2.1 | 3.0 | 4.1 | .5 | .4 | .3 | | | | | | | | | | 95 | 95 | 75 | 3 |
| 60/ 59 | .6 | 3.3 | 6.4 | 5.3 | 4.5 | 1.3 | .5 | | | | | | | | | | | 133 | 133 | 73 | 57 |
| 58/ 57 | | 1.1 | 3.1 | 4.3 | 1.5 | .3 | .4 | .1 | | | | | | | | | | 86 | 86 | 114 | 63 |
| 56/ 55 | .5 | 1.3 | 1.5 | 3.9 | 1.8 | .5 | | | | | | | | | | | | 76 | 76 | 123 | .6 |
| 54/ 53 | .1 | .5 | .6 | 1.0 | .5 | .3 | .1 | | | | | | | | | | | 26 | 26 | 125 | 68 |
| 52/ 51 | | .1 | .9 | .9 | .3 | .1 | | | | | | | | | | | | 21 | 21 | 96 | 82 |
| 50/ 49 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 65 | 81 |
| 48/ 47 | | | | .2 | | | | | | | | | | | | | | 1 | 1 | 36 | 66 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 24 | 130 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | 46 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 22 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 16 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.3 | 12.4 | 21.7 | 31.5 | 21.2 | 7.4 | 2.4 | .4 | .1 | | | | | | | | | | 799 | | 798 |
| | | | | | | | | | | | | | | | | | | 796 | | 798 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_n$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 4127514 | 56453 | 70.7 | 12.937 | 798 |
| Dry Bulb | 2943819 | 43415 | 50.6 | 8.897 | 799 |
| Wet Bulb | 2456322 | 44102 | 55.3 | 8.383 | 798 |
| Dew Point | 2335291 | 42443 | 52.7 | 5.779 | 798 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 5.9 | .5 | | | 9 |
| Wet Bulb | | | | | | | 9 |
| Dew Point | | .3 | | | | | 9 |

USAFETAC FORM AM 64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

(41150) STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — JAN MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 120/ 81 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 830/ 79 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 780/ 77 | | | | | | | .1 | .5 | .1 | | .1 | | | | | | | 8 | 8 | | |
| 750/ 75 | | | | | | .4 | .5 | .5 | .2 | | | .1 | | | | | | 15 | 17 | | |
| 720/ 73 | | | | | | 1.4 | 2.5 | .5 | .4 | .1 | | | | | | | | 42 | 42 | | |
| 700/ 71 | | | | .1 | .3 | 1.4 | 1.6 | .5 | .2 | .2 | | | | | | | | 42 | 42 | | |
| 670/ 69 | | .1 | 1.1 | .4 | 1.5 | 4.3 | 1.3 | 1.1 | .5 | .2 | | | | | | | | 89 | 89 | | |
| 630/ 67 | | | 1.2 | .5 | 2.3 | 2.7 | 2.5 | 1.5 | .5 | .2 | | | | | | | | 98 | 98 | 2 | |
| 600/ 65 | .1 | .6 | 1.1 | 1.9 | 3.2 | 4.7 | 4.1 | 1.3 | .8 | | | | | | | | | 155 | 155 | 22 | |
| 570/ 63 | | .2 | .8 | 2.6 | 5.8 | 8.1 | 2.9 | 1.9 | .6 | .2 | | | | | | | | 198 | 198 | 53 | 1 |
| 540/ 61 | | .2 | .9 | 2.3 | 2.7 | 1.5 | .8 | .8 | | .1 | | | | | | | | 85 | 85 | 80 | 1 |
| 510/ 59 | .6 | .4 | 1.1 | 1.9 | 2.1 | 2.2 | .9 | .4 | .1 | | | | | | | | | 92 | 92 | 121 | 4 |
| 480/ 57 | .2 | .1 | .2 | .2 | .7 | .5 | .2 | .1 | | | | | | | | | | 20 | 20 | 143 | 4 |
| 450/ 55 | | .1 | .2 | .2 | .7 | .5 | | | | | | | | | | | | 15 | 15 | 151 | 5 |
| 420/ 53 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 129 | 8 |
| 390/ 51 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 56 | 9 |
| 360/ 49 | | | | | | | | | | | | | | | | | | | | 55 | 3 |
| 330/ 47 | | | | | | | | | | | | | | | | | | | | 28 | 8 |
| 300/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 12 | 10 |
| 270/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 5 |
| 240/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 210/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 180/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 150/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 120/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 090/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 060/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 030/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 000/ 25 | | | | | | | | | | | | | | | | | | | | | |
| 970/ 23 | | | | | | | | | | | | | | | | | | | | | |
| 940/ 21 | | | | | | | | | | | | | | | | | | | | | |
| 910/ 19 | | | | | | | | | | | | | | | | | | | | | |
| TOTA | .9 | 1.9 | 5.5 | 10.9 | 23.1 | 27.5 | 17.5 | 9.3 | 3.9 | 1.2 | .1 | .1 | .1 | | | | | 955 | 857 | 955 | 35 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2329599 | 47713 | 35.7 | 14.395 | 955 | | | | | | | |
| Dry Bulb | 3698592 | 56082 | 65.4 | 4.673 | 957 | | | 32.3 | 7.5 | .2 | | 9 |
| Wet Bulb | 2731804 | 43193 | 56.3 | 4.534 | 955 | | | .2 | | | | 9 |
| Dew Point | 2154319 | 31447 | 48.9 | 7.431 | 955 | | 2.2 | | | | | 9 |

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

(41163) STATION — AL JUBAYL/JUBAYAH SAUDI ARABIA — STATION NAME — 75-84 — YEARS — JAN — MONTH

PAGE 1 — 1277-1 HOURS (L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | | | | | | .2 | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | | | | .2 | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | | | | | .2 | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | .1 | .2 | .5 | .5 | .1 | | | | | | | | 12 | 12 | | |
| 76/ 75 | | | | | | .2 | .6 | .4 | .1 | .2 | .1 | | | | | | | 14 | 14 | | |
| 74/ 73 | | | | | .2 | .4 | 1.5 | 2.3 | 1.1 | .5 | .5 | .1 | | | | | | 54 | 54 | | |
| 72/ 71 | | | | | .7 | 1.2 | 1.5 | 2.7 | .5 | .1 | .2 | | | | | | | 51 | 51 | | |
| 70/ 69 | | | | .2 | 1.2 | 1.3 | 3.5 | 2.1 | 3.1 | .4 | .4 | .1 | | | | | | 116 | 116 | | |
| 68/ 67 | | | 1.7 | .2 | 2.6 | 3.7 | 4.1 | 1.3 | 1.2 | | | | | | | | | 119 | 119 | 4 | |
| 66/ 65 | | .5 | 1.2 | 2.2 | 2.3 | 4.3 | 5.3 | 1.6 | | | | | | | | | | 152 | 151 | 33 | |
| 64/ 63 | .1 | .5 | .5 | 1.3 | 2.1 | 7.7 | 2.3 | 2.3 | .2 | | | | | | | | | 144 | 144 | 51 | |
| 62/ 61 | .1 | | .4 | 1.4 | 2.2 | 1.5 | 1.6 | .3 | .1 | | | | | | | | | 72 | 73 | 93 | |
| 60/ 59 | .1 | .3 | .9 | 1.4 | 1.5 | 1.9 | .3 | .4 | .1 | | | | | | | | | 68 | 63 | 113 | |
| 58/ 57 | .2 | .3 | .4 | | .2 | .2 | .4 | .1 | .1 | | | | | | | | | 18 | 18 | 127 | |
| 56/ 55 | .1 | .1 | .1 | .1 | .5 | .2 | .2 | | | | | | | | | | | 12 | 12 | 142 | |
| 54/ 53 | | .1 | | | | .2 | .1 | | | | | | | | | | | 4 | 4 | 133 | |
| 52/ 51 | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 62 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 52 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 19 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 8 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 8 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | |
| TOTA | .7 | 2.5 | 5.5 | 8.3 | 14.1 | 27.3 | 23.3 | 12.1 | 3.3 | 1.5 | .9 | | .2 | | | | | 353 | 854 | 853 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2556719 | 45251 | 54.3 | 14.941 | 853 | | | | | | | |
| Dry Bulb | 3775744 | 56533 | 66.3 | 9.393 | 854 | | | 41.9 | 9.4 | .4 | | |
| Wet Bulb | 2757725 | 48335 | 56.7 | 9.722 | 853 | | | .8 | | | | |
| Dew Point | 2344925 | 41255 | 48.4 | 7.633 | 853 | | 2.5 | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41453 — STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME

75-34 — YEARS

JAN — MONTH

PAGE 1

2222-2 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb Dew |
| 75/ 75 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | |
| 74/ 73 | | | | | | | .5 | .1 | .2 | | | | | | | | | 7 | 7 | |
| 72/ 71 | | | | .3 | .2 | .2 | | | | | | | | | | | | 7 | 7 | |
| 70/ 69 | | .1 | .9 | .9 | 1.3 | 1.2 | .7 | .2 | .1 | | | | | | | | | 85 | 45 | |
| 68/ 67 | | | 1.6 | 1.3 | 1.7 | .6 | .2 | .2 | | | | | | | | | | 47 | 47 | 5 |
| 66/ 65 | | 1.9 | 1.7 | 2.3 | 1.3 | 1.7 | 1.1 | .2 | .1 | .1 | | | | | | | | 93 | 93 | 26 |
| 64/ 63 | | 3.0 | 1.4 | 3.5 | 3.1 | 5.5 | 1.3 | .2 | | | | | | | | | | 155 | 156 | 53 |
| 62/ 61 | .2 | 1.7 | 1.4 | 2.3 | 2.3 | .5 | .6 | .5 | .1 | | | | | | | | | 85 | 85 | 65 |
| 60/ 59 | .3 | 1.0 | 3.1 | 3.5 | 3.6 | 2.4 | 1.3 | .2 | | | | | | | | | | 134 | 134 | 59 |
| 58/ 57 | .2 | .9 | .8 | 2.1 | 1.3 | 1.7 | .5 | | | | | | | | | | | 54 | 54 | 98 |
| 56/ 55 | .1 | 1.5 | 2.3 | 3.5 | 2.4 | .5 | .2 | | | | | | | | | | | 98 | 99 | 97 |
| 54/ 53 | | .5 | 1.4 | 1.2 | 1.4 | .5 | .1 | | | | | | | | | | | 43 | 43 | 123 |
| 52/ 51 | .2 | .3 | 1.5 | 1.5 | 1.4 | .3 | .2 | | | | | | | | | | | 52 | 52 | 97 |
| 50/ 49 | | .1 | .1 | .2 | .2 | .2 | .1 | | | | | | | | | | | 15 | 15 | 91 |
| 48/ 47 | | | .1 | .3 | .2 | .1 | | | | | | | | | | | | 11 | 11 | 77 |
| 46/ 45 | .1 | | | .2 | .1 | .1 | | | | | | | | | | | | 5 | 5 | 44 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 14 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 15 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.3 | 11.9 | 17.3 | 24.3 | 21.3 | 15.3 | 6.6 | 1.9 | .5 | .1 | | | | | | | | 852 | | |
| | | | | | | | | | | | | | | | | | | 359 | | 859 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3952983 | 568379 | 66.1 | 15.114 | 859 |
| Dry Bulb | 3172334 | 527143 | 57.4 | 5.567 | 862 |
| Wet Bulb | 2547382 | 465322 | 54.1 | 5.913 | 859 |
| Dew Point | 2278547 | 415955 | 48.4 | 8.391 | 859 |

| Mean No. of Hours with Temperature | | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 11.5 | .2 | | | |
| Wet Bulb | | | .3 | | | | |
| Dew Point | | 2.9 | | | | | |

USAFETAC FORM 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41361 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/ 69 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | |
| 69/ 67 | | | | | .1 | | .1 | | | | | | | | | | | 2 | 2 | |
| 67/ 65 | .1 | .4 | .5 | 1.3 | | | .1 | | | | | | | | | | | 17 | 17 | 1 |
| 64/ 63 | .3 | 3.7 | 1.7 | .9 | .1 | .3 | .1 | | | | | | | | | | | 59 | 59 | 14 |
| 62/ 61 | .4 | 2.1 | .5 | .3 | .1 | | | .1 | | | | | | | | | | 71 | 31 | 48 |
| 60/ 59 | 1.3 | 3.3 | .4 | .4 | .3 | .1 | .3 | | | | | | | | | | | 46 | 46 | 32 |
| 58/ 57 | .9 | 1.5 | .8 | .5 | .4 | .5 | | | | | | | | | | | | 35 | 35 | 51 |
| 56/ 55 | 1.5 | 4.9 | 2.9 | 2.3 | .8 | .1 | | | | | | | | | | | | 94 | 94 | 33 |
| 54/ 53 | 1.3 | 2.1 | 2.7 | 1.7 | .5 | .3 | | | | | | | | | | | | 67 | 68 | 57 |
| 52/ 51 | .5 | 3.9 | 5.3 | 2.4 | .9 | .1 | | | | | | | | | | | | 103 | 103 | 55 |
| 50/ 49 | .3 | 4.4 | 3.3 | 1.3 | .1 | .3 | | | | | | | | | | | | 73 | 73 | 101 |
| 48/ 47 | 1.3 | 7.3 | 2.4 | 1.7 | .5 | .1 | | | | | | | | | | | | 112 | 112 | 134 |
| 46/ 45 | 1.3 | 5.3 | 3.3 | 1.4 | .8 | .1 | | | | | | | | | | | | 93 | 93 | 113 |
| 44/ 43 | .4 | .5 | 1.2 | .5 | | | | | | | | | | | | | | 21 | 21 | 59 |
| 42/ 41 | .3 | 1.4 | .3 | .4 | | | | | | | | | | | | | | 18 | 18 | 39 |
| 40/ 39 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 33 |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 |
| 36/ 35 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 10.3 | 41.3 | 25.1 | 15.8 | 4.7 | 1.9 | .6 | .3 | | | | | | | | | | | 781 | |
| | | | | | | | | | | | | | | | | | | 781 | | 781 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 52523y3 | 63135 | 80.9 | 13.892 | 781 | | | | | | |
| Dry Bulb | 21933o5 | 41113 | 52.6 | 6.113 | 781 | | | .4 | | | |
| Wet Bulb | 1958332 | 33732 | 49.7 | 6.312 | 781 | | | | | | |
| Dew Point | 1795415 | 36387 | 46.7 | 7.397 | 781 | | 3.9 | | | | |

USAFETAC FORM AK 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

403150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
1 — MON

PAGE 1 — 3333 HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | |
| 70/ 59 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | |
| 68/ 57 | .1 | | .3 | .3 | | | | .1 | | | | | | | | | | 12 | 13 | 1 |
| 66/ 55 | .1 | 1.0 | .9 | .9 | | | | .1 | | | | | | | | | | 24 | 24 | 1 |
| 64/ 53 | .3 | 2.3 | 1.5 | .1 | .3 | .4 | | .1 | | | | | | | | | | 47 | 47 | 26 |
| 62/ 51 | .3 | 1.9 | .6 | .5 | .3 | .1 | | | | | | | | | | | | 33 | 33 | 43 |
| 60/ 59 | 1.5 | 3.6 | .5 | .5 | .5 | | | | | | | | | | | | | 57 | 57 | 38 |
| 58/ 57 | 1.2 | 1.7 | 1.5 | .9 | .4 | .5 | .1 | | | | | | | | | | | 49 | 49 | 50 |
| 56/ 55 | 2.3 | 5.2 | 2.4 | 1.9 | .1 | .4 | | | | | | | | | | | | 97 | 97 | 53 |
| 54/ 53 | 1.5 | 4.2 | 4.0 | 1.3 | .5 | .1 | | | | | | | | | | | | 95 | 95 | 73 |
| 52/ 51 | .9 | 4.6 | 4.6 | 1.9 | .3 | .1 | | | | | | | | | | | | 101 | 101 | 91 |
| 50/ 49 | 1.4 | 4.7 | 2.9 | 1.2 | .5 | | | | | | | | | | | | | 77 | 77 | 109 |
| 48/ 47 | 1.7 | 5.3 | 1.9 | 1.2 | .5 | .3 | | | | | | | | | | | | 92 | 92 | 113 |
| 46/ 45 | 1.5 | 4.7 | 2.4 | .9 | | | | | | | | | | | | | | 59 | 79 | 93 |
| 44/ 43 | .3 | .5 | .5 | .4 | | | | | | | | | | | | | | 14 | 14 | 53 |
| 42/ 41 | .1 | .5 | .5 | .1 | | | | | | | | | | | | | | 12 | 12 | 29 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 13 |
| 38/ 37 | | | .7 | .1 | | | | | | | | | | | | | | 3 | 3 | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 21 | | | | | | | | | | | | | | | | | | | | |
| TOTA | 14.2 | 41.7 | 24.9 | 12.9 | 3.8 | 1.9 | .1 | .4 | | | | | | | | | | | 783 | |
| | | | | | | | | | | | | | | | | | | 782 | | 782 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 55111909 | 64833 | 82.9 | 13.235 | 782 | | | | | | |
| Dry Bulb | 22631209 | 41832 | 53.4 | 6.239 | 783 | | | 1.3 | | | |
| Wet Bulb | 21437091 | 39531 | 50.7 | 6.215 | 782 | | .1 | .1 | | | |
| Dew Point | 13542639 | 37535 | 48.1 | 7.557 | 782 | | 2.4 | .1 | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41415 — STATION
AL JUBAY,/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PAGE 1 — HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 59 | | | | .1 | .1 | | .3 | | | | | | | | | | | 4 | 4 | |
| 68/ 57 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | |
| 66/ 55 | | .8 | 1.0 | .9 | .3 | | | .3 | | | | | | | | | | 25 | 25 | |
| 64/ 53 | .1 | 5.2 | 2.6 | 1.3 | .5 | .1 | | .1 | | | | | | | | | | 75 | 79 | 2 |
| 62/ 51 | .4 | 2.7 | 1.1 | .5 | | | | | | | | | | | | | | 33 | 33 | 5 |
| 60/ 59 | 1.4 | 5.1 | 2.2 | 1.1 | .8 | .5 | .1 | | | | | | | | | | | 88 | 89 | 5 |
| 58/ 57 | .9 | 1.7 | 1.7 | 1.4 | 1.0 | .3 | | | | | | | | | | | | 54 | 54 | 6 |
| 56/ 55 | .9 | 5.6 | 3.7 | 1.7 | .6 | .3 | | | | | | | | | | | | 101 | 102 | 8 |
| 54/ 53 | .6 | 4.7 | 3.3 | 2.3 | .8 | .3 | | | | | | | | | | | | 92 | 90 | 7 |
| 52/ 51 | .5 | 5.4 | 5.2 | 1.6 | .3 | .1 | | | | | | | | | | | | 110 | 110 | 10 |
| 50/ 49 | .8 | 3.4 | 2.1 | 1.1 | .4 | .4 | | | | | | | | | | | | 53 | 63 | 12 |
| 48/ 47 | 1.7 | 4.0 | 1.5 | .9 | .3 | | | | | | | | | | | | | 65 | 65 | 9 |
| 46/ 45 | .3 | 3.1 | 1.8 | .6 | | | | | | | | | | | | | | 46 | 46 | 5 |
| 44/ 43 | .1 | 1.0 | .8 | .3 | | | | | | | | | | | | | | 17 | 17 | 3 |
| 42/ 41 | | .1 | .7 | .1 | | | | | | | | | | | | | | 4 | 4 | 2 |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| TOTA | 7.7 | 43.7 | 27.4 | 13.9 | 4.5 | 2.0 | .4 | .4 | | | | | | | | | | | 7.9 | |
| | | | | | | | | | | | | | | | | | | 784 | | 784 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 529598 | 53732 | 81.3 | 12.413 | 784 | | | | | | |
| Dry Bulb | 2383797 | 43157 | 54.9 | 5.768 | 788 | | | .7 | | | |
| Wet Bulb | 2125717 | 42575 | 51.8 | 5.351 | 784 | | | | | | |
| Dew Point | 1713249 | 33317 | 49.9 | 7.197 | 784 | | 2.3 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

# EXTREME VALU
MINIMUM TEMPERAT...

FROM DAILY OBSERVATIONS

...6 AL JUBAYL/DHAHRAN SAUDI ARABIA 73-84
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73 | 7* | 41* | 46* | 57* | 64* | 71* | 77* | 75* | 7...* | 64* | 51 | 41 | |
| ... | 44* | 41* | 51* | 57 | 64* | 71* | 71* | 73* | 7...* | 60* | 50* | 44 | * |
| ... | 46* | 41* | 46* | 55* | 6...* | 73* | 7... | 75* | 73* | 57* | 55* | ... | * |
| ... | 44* | 40* | 46* | 62* | 6...* | 73* | 7...* | 77* | 7...* | 69 | 55* | 41 | * |
| ... | 41* | 42* | 50* | 59* | 6...* | 75* | 80* | 77* | 7...* | 6...* | 52* | 49 | * |
| 7... | 7... | 45 | 48* | 54 | 61 | 7... | 77* | 73 | 7...* | ... | 55 | 43 | * |
| 7... | 43* | 42 | 45 | 55 | 5... | 79 | 77 | 77* | 7... | 6... | 5... | 41 | |
| | 43 | 41 | 46 | 55 | 6... | 73 | 7... | 75 | 7... | 63 | 54 | 45 | |
| | 41 | 41 | 46 | 50 | 66 | 73 | 77 | 75 | 66 | ... | 52 | 46 | |
| | 3... | 45 | 50 | 54 | 7... | 75 | 77 | 79 | 75 | 58 | ... | 37 | |
| | 44 | 41 | 45 | ... | 7... | 81 | 79 | 73 | 7... | 62 | 59 | 4... | |
| | 43 | 41 | 46 | 61 | 63 | 68 | 77 | 75 | 7... | ... | 55 | 4... | |
| MEAN | 40. | 42.3 | 47.1 | 55.3 | 65.1 | 74.1 | 77.6 | 75.6 | 7...3 | 63.7 | 5...5 | ...4 | |
| S D | 2.864 | 2.066 | 1.864 | 3.015 | 4.086 | 4.034 | .976 | 1.902 | 2.950 | 3.830 | 2.911 | 3.55... | |
| TOTAL OBS | 273 | 281 | 333 | 312 | 342 | 313 | 326 | 326 | 314 | 301 | 290 | 29... | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# EXTREME VALUE

FROM DAILY OBSERVATIONS

41657 AL JUBAYL/DHAHRAN SAUDI ARABIA 73-84
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR | MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 71* | 76* | 93* | 104* | 107* | 107* | 107* | 111* | 111* | 100 | 89 | | |
| | | 71* | 80* | 91* | 105 | 107* | 114* | 113* | 113* | 107* | 102* | 86 | 77 | * 1 |
| | | 73* | 82* | 97* | 98* | 104* | 113* | 116 | 113* | 109* | 98* | | | * 1 |
| 76 | | 75* | 69* | 77* | 91* | 102* | 105* | 111* | 107* | 109 | 104? | 89 | 7 | * |
| 77 | | 69* | 82* | 91* | 102* | 106* | 113* | 113* | 115* | 111* | 102* | 90* | 81 | * 1 |
| 7 | | 84 | 81 | 88* | 102 | 111 | 117 | 117* | 109 | 113* | 109 | 87 | 86 | 1 |
| | | 81* | 84 | 91 | 106 | 113 | 117 | 117 | 111* | 113 | 102 | 91 | 73 | 1 |
| | | 75 | 84 | 95 | 104 | 111 | 113 | 117 | 113 | 111 | 102 | 9 | 77 | 1 |
| | | 77 | 81 | 93 | 99 | 109 | 113 | 117 | 113 | 109 | 102 | 91 | 84 | 1 |
| | | 73 | 82 | 81 | 102 | 107 | 113 | 113 | 109 | 111 | 106 | 84 | 79 | 1 |
| | | 77 | 77 | 82 | 9 | 109 | 113 | 117 | 109 | 106 | 102 | 8 | | 1 |
| | | 77 | 85 | 97 | 109 | 109 | 113 | 115 | 109 | 107 | 102 | 88 | 79 | 1 |
| MEAN | | 75.8 | 81.7 | 89.6 | 101.6 | 110.4 | 113.7 | 115.6 | 111.2 | 110.2 | 103.3 | 89.9 | 81.1 | 11 |
| SD | | 1.78 | 2.685 | 6.214 | 4.167 | 3.249 | 2.498 | 1.902 | 2.000 | 2.000 | 2.066 | 3.976 | 3.436 | 0. |
| TOTAL OBS | | 243 | 261 | 333 | 312 | 342 | 313 | 326 | 326 | 314 | 301 | 290 | 298 | 3 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

AL CLIMATOLOGY BRANCH
TAC
DET EA SERVICE/MAC
+16? AL JUBAYL/JUBAHRAN SAUDI ARABIA 73-84
STATION STATION NAME YEARS

# DAILY TEMPERATU

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 3.0 | 5.4 | .6 | | | | | |
| | | | | | 3.. | 36.7 | 69.0 | 39.3 | 5.4 | | | | 1 |
| | | | | 1.0 | 33.3 | 91.1 | 99.4 | 96.9 | 56.4 | .7 | | | |
| | | | | 12.. | 76.. | 99.7 | 100.0 | 100.0 | 97.8 | 72.4 | | | |
| | | | 3. | 39.4 | 93.6 | 100.0 | | | 100.0 | 72.5 | .4 | | |
| | | | 1..6 | 75.3 | 99.7 | | | | | 9..7 | 73.4 | 1. | |
| | 1.4 | .1 | 41.1 | 95.5 | 100.0 | | | | | 100.0 | 71.6 | 11.1 | 7 |
| | 1..6 | 31.7 | 76.3 | 99.7 | | | | | | | ..4 | 41.3 | |
| | 47.3 | 67.6 | 93.7 | 100.0 | | | | | | | ..7 | 71.5 | |
| | 86.. | 95.6 | 100.. | | | | | | | | 100. | 6.6 | 9 |
| | 9.6 | 9..6 | | | | | | | | | | 100.0 | |
| 4 | 100.0 | 100.0 | | | | | | | | | | | |
| MEAN | 7.4 | 67.1 | 69.6 | 78.2 | 87.3 | 93.6 | 95.6 | 93.9 | 90.0 | 82.2 | 72.0 | 63.3 | 7 |
| S D | 4.012 | 4.002 | 5.890 | 5.232 | 4.477 | 3.883 | 2.576 | 2.414 | 7.797 | 4.43 | 4.033 | 2.117 | 13. |
| TOTAL OBS | 2.3 | 2.1 | 333 | 312 | 342 | 315 | 326 | 326 | 314 | 31 | 2.0 | 2.8 | |

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

41150 — STATION
AL JUBAY/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PART 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TO Dry Bulb | Wet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120/ 71 | | | | | | | | .3 | | | | | | | | | | 2 | * | |
| 110/ 59 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | |
| 100/ 57 | | .1 | .4 | .4 | | .1 | .1 | | | | | | | | | | | 9 | 9 | |
| 90/ 55 | .3 | .7 | .5 | .5 | .3 | | | | | | | | | | | | | 17 | 15 | |
| 80/ 53 | .3 | 5.7 | 2.3 | 1.5 | | .7 | .1 | | | | | | | | | | | 89 | 91 | |
| 70/ 51 | 1.5 | 5.1 | 1.5 | .7 | .3 | .1 | .1 | | | | | | | | | | | 73 | 72 | |
| 60/ 59 | 2.3 | 5.7 | 2.1 | 1.2 | .1 | .4 | .1 | | | | | | | | | | | 96 | 96 | |
| 58/ 57 | | 2.4 | 1.6 | 1.1 | .5 | .1 | | | | | | | | | | | | 33 | 43 | |
| 56/ 55 | 2.1 | 4.3 | 1.9 | 2.1 | .4 | .4 | | | | | | | | | | | | 52 | 82 | |
| 54/ 53 | 1.7 | 4.3 | 2.7 | 1.2 | .4 | .7 | .1 | | | | | | | | | | | 73 | 75 | |
| 52/ 51 | 1.7 | 4.1 | 2.4 | 1.6 | .5 | .4 | .1 | | | | | | | | | | | 82 | 83 | |
| 50/ 49 | 3.2 | 2.4 | 2.4 | .3 | | .7 | .1 | | | | | | | | | | | 72 | 72 | |
| 48/ 47 | 1.1 | 4.1 | 1.5 | .5 | | | | | | | | | | | | | | 54 | 55 | |
| 46/ 45 | .3 | 2.1 | .7 | 1.2 | .1 | .1 | | | | | | | | | | | | 34 | 34 | |
| 44/ 43 | .1 | .7 | .5 | .3 | | .1 | | | | | | | | | | | | 13 | 13 | |
| 42/ 41 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14.3 | 43.4 | 21.5 | 13.1 | 2.7 | 3.1 | 1.1 | .3 | | | | | | | | | | | 755 | |
| | | | | | | | | | | | | | | | | | | 743 | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5336736 | 62332 | 83.3 | 13.912 | 748 | | | | | | |
| Dry Bulb | 2353523 | 41334 | 55.5 | 5.982 | 755 | | | 1.3 | | | |
| Wet Bulb | 2113468 | 39462 | 52.8 | 5.135 | 748 | | | | | | |
| Dew Point | 1929135 | 37533 | 51.2 | 7.769 | 748 | | 1.5 | | | | |

USAFETAC FORM 0-26-5 (OL-A) Jul 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

403150 STATION — AL JUBAY/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS

PAGE 1 OF 1 NO

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TO Dry Bulb | TO Wet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | |
| 70/ 69 | | | | .1 | .3 | | | | | | | | | | | | | 3 | 3 | |
| 68/ 67 | | | .3 | .4 | | .1 | .1 | | | | | | | | | | | 7 | 7 | |
| 66/ 65 | | .8 | 1.4 | .8 | | | .1 | | | | | | | | | | | 23 | 23 | |
| 64/ 63 | .7 | 5.2 | 2.5 | 2.2 | .1 | | | | | | | | | | | | | 85 | 85 | |
| 62/ 61 | 1.0 | 3.5 | 1.1 | .3 | .4 | .4 | .1 | .1 | | | | | | | | | | 50 | 50 | |
| 60/ 59 | 3.2 | 5.7 | 2.8 | 1.2 | .3 | .5 | .4 | | | | | | | | | | | 122 | 123 | |
| 58/ 57 | .7 | 3.3 | 1.2 | 1.1 | .6 | .4 | .1 | | | | | | | | | | | 54 | 54 | |
| 56/ 55 | 1.7 | 4.0 | 2.2 | 2.1 | .8 | .1 | | | | | | | | | | | | 79 | 79 | |
| 54/ 53 | 1.1 | 3.0 | 1.9 | 1.5 | 1.4 | .1 | .1 | | | | | | | | | | | 67 | 67 | |
| 52/ 51 | 1.5 | 5.4 | 3.3 | 1.7 | .9 | .3 | .1 | | | | | | | | | | | 92 | 92 | |
| 50/ 49 | .9 | 1.5 | 1.9 | .8 | .3 | .2 | | | | | | | | | | | | 41 | 42 | |
| 48/ 47 | 1.9 | 2.5 | 2.3 | 1.4 | .3 | .2 | | | | | | | | | | | | 56 | 56 | |
| 46/ 45 | .3 | 1.7 | 1.0 | 1.0 | .3 | | | | | | | | | | | | | 30 | 30 | |
| 44/ 43 | .1 | .1 | .3 | .5 | .1 | .1 | | | | | | | | | | | | 13 | 13 | |
| 42/ 41 | .1 | .5 | .7 | .1 | .1 | | | | | | | | | | | | | 12 | 12 | |
| 40/ 39 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 13.3 | 33.4 | 23.4 | 15.4 | 5.4 | 2.8 | 1.2 | .1 | | | | | | | | | | | 724 | |
| | | | | | | | | | | | | | | | | | | 722 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 32248835 | 59713 | 81.3 | 18.527 | 722 | | | | | | |
| Dry Bulb | 2253359 | 40123 | 55.4 | 6.354 | 724 | | | 1.2 | | | |
| Wet Bulb | 2012359 | 37927 | 52.4 | 6.537 | 722 | | | | | | |
| Dew Point | 1315215 | 35533 | 49.4 | 8.425 | 722 | | 3.5 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

40180 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | |
| 82/ 81 | | | | | | | | | .1 | .1 | .1 | .1 | | | | | | 4 | 4 | |
| 78/ 77 | | | | | | | .1 | | .1 | .1 | .3 | | | | | | | 5 | 5 | |
| 76/ 75 | | | | | .1 | | .3 | | | | .3 | | | | | | | 5 | 5 | |
| 74/ 73 | | | | .1 | | .4 | 1.0 | .4 | .3 | .1 | .1 | | | | | | | 23 | 23 | |
| 72/ 71 | | | | .5 | 1.3 | .5 | 1.3 | .5 | .5 | .3 | | | | | | | | 36 | 36 | |
| 70/ 69 | | | .5 | 1.8 | 2.1 | 2.5 | 1.5 | 1.3 | .3 | .1 | | | | | | | | 77 | 80 | |
| 68/ 67 | | | 1.4 | 1.4 | 2.3 | 1.9 | 1.1 | .4 | .4 | .1 | | | | | | | | 62 | 62 | |
| 66/ 65 | | 1.5 | 3.3 | 2.7 | 2.3 | 2.1 | 1.5 | 1.0 | | .3 | | | | | | | | 117 | 117 | |
| 64/ 63 | .1 | 3.2 | 2.7 | 3.4 | 3.2 | 4.2 | 1.5 | 1.3 | .1 | .1 | | | | | | | | 156 | 156 | |
| 62/ 61 | .6 | 1.3 | 2.1 | 1.4 | 2.3 | .3 | .6 | .5 | .1 | | | | | | | | | 75 | 76 | 1 |
| 60/ 59 | .3 | 1.3 | 3.3 | 1.6 | 2.2 | 1.2 | 1.6 | .1 | | | | | | | | | | 111 | 111 | |
| 58/ 57 | | .3 | 1.1 | 1.3 | 1.4 | .8 | .4 | | .1 | | | | | | | | | 42 | 42 | 1 |
| 56/ 55 | .3 | .6 | .3 | 1.3 | 1.6 | .6 | .3 | | | | | | | | | | | 37 | 37 | |
| 54/ 53 | | .1 | .4 | .6 | .5 | .6 | .3 | | | | | | | | | | | 19 | 19 | |
| 52/ 51 | .1 | .6 | .1 | .4 | .6 | .1 | .1 | | | | | | | | | | | 15 | 16 | |
| 50/ 49 | | | | .1 | .1 | | .1 | | | | | | | | | | | 3 | 3 | |
| 48/ 47 | | | | .1 | .1 | .1 | | | | | | | | | | | | 3 | 3 | |
| 46/ 45 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.9 | 9.2 | 15.7 | 16.4 | 19.1 | 16.7 | 11.1 | 5.3 | 2.7 | 1.4 | .4 | .3 | | | | | | 731 | 793 | 7 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3335734 | 49522 | 62.5 | 17.261 | 791 | | | | | | |
| Dry Bulb | 3245443 | 52543 | 53.7 | 5.562 | 793 | | | 23.5 | 4.3 | .5 | |
| Wet Bulb | 2329755 | 44519 | 56.3 | 5.523 | 791 | | | .3 | | | |
| Dew Point | 2116132 | 39358 | 49.8 | 8.585 | 791 | | 2.3 | | | | |

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

403152 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-80 YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TO | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet |
| 34/ 33 | | | | | | | | | | | | | .3 | .1 | | | | 3 | 3 | |
| 32/ 31 | | | | | | | | | | .4 | .1 | .5 | .1 | | | | | 2 | 2 | |
| 30/ 29 | | | | | | | | .3 | .3 | .5 | .3 | .6 | | | | | | 15 | 15 | |
| 28/ 27 | | | | | | .4 | .4 | .7 | 1.3 | 1.4 | .5 | .5 | | | | | | 53 | 53 | |
| 26/ 25 | | | | | .4 | .4 | .5 | 1.0 | .9 | 1.5 | .5 | .1 | | | | | | 44 | 44 | |
| 24/ 23 | | | | .5 | .5 | 1.4 | 3.2 | 2.3 | 2.3 | 2.3 | | .3 | | | | | | 99 | 133 | |
| 22/ 21 | | | | .5 | .9 | 2.0 | 1.8 | 2.1 | 1.6 | 1.3 | .3 | | | | | | | 83 | 83 | |
| 20/ 19 | | | .8 | 1.3 | 2.7 | 2.3 | 3.9 | 3.3 | 1.6 | .9 | .1 | | | | | | | 139 | 139 | |
| 18/ 17 | | .1 | .4 | .8 | 2.1 | 2.3 | 1.3 | 2.7 | .5 | 1.3 | | | | | | | | 86 | 86 | |
| 16/ 15 | | 1.3 | .3 | 1.1 | 2.3 | 2.7 | 1.5 | 2.3 | 1.3 | .5 | .1 | | | | | | | 135 | 108 | |
| 14/ 13 | .3 | .5 | .4 | .5 | 1.3 | 3.2 | 2.4 | 1.3 | .5 | .1 | | | | | | | | 88 | 88 | |
| 12/ 11 | .1 | .3 | .3 | | .4 | .3 | 1.1 | .3 | .3 | | | | | | | | | 22 | 33 | |
| 10/ 9 | .3 | .5 | .5 | .5 | .4 | .5 | .4 | | .1 | | | | | | | | | 25 | 25 | |
| 8/ 7 | | .1 | .1 | | | .1 | .1 | | | | | | | | | | | 4 | 4 | |
| 6/ 5 | | .1 | | | | .1 | | .1 | | | | | | | | | | 3 | 3 | |
| 4/ 3 | | .3 | | | | .1 | | | | | | | | | | | | 3 | 3 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .6 | 3.8 | 3.2 | 5.3 | 11.3 | 15.7 | 16.5 | 16.5 | 11.1 | 9.5 | 2.1 | 2.4 | .4 | .1 | | | | 791 | 793 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 2131223 | 38326 | 49.1 | 15.935 | 791 | | | | | | |
| Dry Bulb | 3319538 | 54535 | 69.2 | 5.113 | 793 | | | 56.2 | 22.4 | 1.7 | |
| Wet Bulb | 2.51561 | 45549 | 57.7 | 4.533 | 791 | | | 1.3 | | | |
| Dew Point | 1362591 | 37871 | 47.9 | 9.951 | 791 | | 3.6 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMI

43163 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

 157 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 86 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | |
| 84/ 83 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | |
| 82/ 81 | | | | | | | | .1 | | .1 | .5 | .3 | .1 | | | | | 13 | 13 | |
| 80/ 79 | | | | | | | | | .3 | .3 | .3 | .1 | | | | | | 11 | 11 | |
| 78/ 77 | | | | | | .3 | .4 | .3 | 1.0 | 1.5 | .7 | .3 | .1 | | | | | 36 | 36 | |
| 76/ 75 | | | | | .4 | .4 | .5 | .3 | .5 | .5 | | | | | | | | 25 | 25 | |
| 74/ 73 | | | .1 | .2 | .5 | .8 | 2.5 | 2.1 | 2.3 | .7 | .1 | | | | | | | 77 | 77 | |
| 72/ 71 | | | | .4 | .8 | 1.2 | 1.5 | 1.5 | 1.3 | .3 | .1 | | | | | | | 55 | 57 | |
| 70/ 69 | | | .8 | 1.0 | 1.5 | 3.5 | 2.8 | 4.4 | 1.0 | .5 | | | | | | | | 121 | 121 | |
| 68/ 67 | | .1 | 1.3 | 1.2 | 2.7 | 1.4 | 2.1 | 2.1 | .3 | .3 | | | | | | | | 95 | 95 | 1 |
| 66/ 65 | 1.2 | 1.2 | 2.5 | 2.1 | 3.3 | 3.5 | 1.7 | 1.3 | .1 | | | | | | | | | 123 | 123 | 3 |
| 64/ 63 | .3 | .5 | 1.2 | 1.2 | 2.2 | 4.3 | 2.5 | 1.3 | .3 | .3 | | | | | | | | 121 | 121 | 5 |
| 62/ 61 | .3 | .1 | .5 | .5 | 1.2 | .4 | .6 | .4 | .1 | | | | | | | | | 38 | 38 | 13 |
| 60/ 59 | .5 | .5 | .1 | .5 | .5 | .2 | .2 | .3 | | | | | | | | | | 34 | 34 | 13 |
| 58/ 57 | | | .1 | .1 | | .1 | | .1 | .1 | | | | | | | | | 5 | 5 | 14 |
| 56/ 55 | .1 | .3 | .1 | | .1 | .3 | .1 | | | | | | | | | | | 6 | 8 | 9 |
| 54/ 53 | .1 | .5 | | | | .1 | | | | | | | | | | | | 6 | 6 | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 |
| 50/ 49 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 84 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

40150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | F MON

Past 1577 HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| TOTAL | 1.4 | 3.2 | 5.6 | 8.7 | 12.8 | 17.1 | 17.5 | 16.3 | 9.1 | 5.1 | 1.4 | .6 | .3 | .1 | | | | 773 | 773 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 2385772 | 43836 | 52.8 | 17.344 | 773 | | | | | | |
| Dry Bulb | 3373938 | 52563 | 68.0 | 5.294 | 773 | | | 47.2 | 17.5 | 1.4 | |
| Wet Bulb | 2564595 | 44425 | 57.5 | 4.633 | 773 | | | 1.4 | | | |
| Dew Point | 1375312 | 37562 | 48.6 | 8.117 | 773 | | 2.7 | .1 | | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

47156 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 1
1300-2 — HOURS (L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb Dew |
| 78/ 77 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | |
| 76/ 75 | | | | | .1 | .3 | | .3 | | | | | | | | | | 5 | 5 | |
| 74/ 73 | | | | | .1 | .1 | .7 | | .3 | .1 | | | | | | | | 13 | 13 | |
| 72/ 71 | | | | | .7 | .4 | .4 | | .1 | | | | | | | | | 12 | 12 | |
| 70/ 69 | | | .7 | .3 | 1.9 | 1.2 | 1.5 | .4 | | | | | | | | | | 48 | 49 | |
| 68/ 67 | | | 1.2 | 1.2 | 2.6 | .4 | 1.3 | | | | | | | | | | | 47 | 47 | 1 |
| 66/ 65 | | 2.5 | 3.7 | 4.1 | 1.5 | 1.0 | .8 | .4 | | | | | | | | | | 122 | 122 | 73 |
| 64/ 63 | .1 | 3.2 | 5.6 | 8.5 | 2.9 | 5.2 | 1.4 | .1 | | | | | | | | | | 137 | 196 | 57 |
| 62/ 61 | .3 | 1.4 | 3.2 | 2.7 | 3.7 | 1.7 | 1.2 | | | | | | | | | | | 98 | 99 | 98 |
| 60/ 59 | 1.1 | 1.5 | 4.7 | 4.8 | 4.1 | 1.5 | .1 | | | | | | | | | | | 128 | 123 | 112 |
| 58/ 57 | | .3 | .3 | 1.2 | 1.3 | .7 | .1 | | | | | | | | | | | 30 | 30 | 126 |
| 56/ 55 | | .5 | .5 | 1.1 | 1.2 | .7 | | | | | | | | | | | | 32 | 33 | 81 |
| 54/ 53 | .3 | .3 | .1 | .4 | .5 | | | | | | | | | | | | | 12 | 12 | 98 |
| 52/ 51 | | | .4 | .4 | .3 | .1 | | | | | | | | | | | | 2 | 2 | 62 |
| 50/ 49 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 39 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 22 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| TOTA | 1.3 | 9.5 | 21.3 | 29.9 | 20.7 | 12.9 | 7.3 | 1.2 | .5 | .1 | | | | | | | | | 732 | |
| | | | | | | | | | | | | | | | | | | 730 | | 730 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3539766 | 49753 | 68.2 | 14.261 | 730 | | | | | | | |
| Dry Bulb | 2911723 | 46031 | 62.9 | 9.955 | 732 | | | 14.1 | 1.9 | | | |
| Wet Bulb | 2371555 | 41469 | 56.8 | 9.575 | 730 | | | .1 | | | | |
| Dew Point | 1288547 | 37769 | 51.7 | 6.383 | 730 | | .3 | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

403150 (STATION) A. JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 1 2100-2 (HOURS (L.S.T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| 74/ 73 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 69 | | | | .3 | 1.1 | .4 | .3 | | | | | | | | | | | 15 | 15 | | |
| 68/ 67 | | | .5 | .7 | 1.7 | .1 | .3 | | | | | | | | | | | 25 | 25 | | |
| 66/ 65 | | 2.1 | 2.9 | 1.4 | .9 | .5 | .4 | | | | | | | | | | | 53 | 53 | 4 | |
| 64/ 63 | .5 | 7.7 | 4.3 | 5.3 | 1.3 | 2.2 | .3 | | | | | | | | | | | 159 | 160 | 52 | |
| 62/ 61 | .4 | 3.1 | 3.5 | 2.3 | 1.4 | .3 | .3 | | | | | | | | | | | 91 | 91 | 85 | |
| 60/ 59 | 1.2 | 3.6 | 3.4 | 3.3 | 1.3 | .7 | .1 | | | | | | | | | | | 150 | 150 | 97 | |
| 58/ 57 | .1 | 2.2 | 2.4 | 3.3 | 1.2 | .1 | | | | | | | | | | | | 71 | 71 | 104 | |
| 56/ 55 | .5 | 2.9 | 4.3 | 3.0 | .3 | .3 | .1 | | | | | | | | | | | 87 | 87 | 102 | |
| 54/ 53 | .3 | .9 | 1.3 | 1.2 | .4 | | | | | | | | | | | | | 38 | 38 | 96 | |
| 52/ 51 | .3 | .7 | 2.4 | 1.2 | .5 | .1 | | | | | | | | | | | | 39 | 39 | 88 | |
| 50/ 49 | | .4 | .5 | .7 | | | | | | | | | | | | | | 12 | 12 | 55 | |
| 48/ 47 | | .4 | .1 | | | | | | | | | | | | | | | 4 | 4 | 29 | |
| 46/ 45 | | .1 | .3 | | .1 | | | | | | | | | | | | | 4 | 4 | 21 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3.8 | 28.2 | 32.5 | 22.0 | 10.9 | 4.7 | 1.7 | | | | | | | | | | | 759 | 760 | 759 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Tot |
| Rel. Hum. | 8501937 | 59317 | 76.8 | 12.593 | 759 | | | | | | | |
| Dry Bulb | 27352?8 | 45453 | 59.3 | 9.757 | 767 | | | 4.5 | .1 | | | |
| Wet Bulb | 2371?35 | 42259 | 55.7 | 9.395 | 759 | | | | | | | |
| Dew Point | 2101594 | 39544 | 52.2 | 6.395 | 759 | | .3 | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41163 — STATION

AL JUBAYL/JUBAYRAH SAUDI ARABIA — STATION NAME

75-84 — YEARS

FEB — MONTH

PAGE 1

ALL — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 86/ 86 | | | | | | | | | | | | | | .0 | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | | .0 | | .0 | .0 | .0 | | | | 5 | 5 | | |
| 82/ 81 | | | | | | | | .0 | .0 | .1 | .1 | .1 | .0 | | | | | 23 | 23 | | |
| 80/ 79 | | | | | | | | .0 | .1 | .2 | .1 | .1 | | | | | | 25 | 26 | | |
| 78/ 77 | | | | | | .1 | .1 | .2 | .4 | .4 | .1 | .1 | .0 | | | | | 92 | 92 | | |
| 76/ 75 | | | | | .1 | .1 | .2 | .3 | .2 | .3 | .1 | .0 | | | | | | 79 | 79 | | |
| 74/ 73 | | | .0 | .2 | .2 | .3 | .3 | .5 | .7 | .4 | .0 | .0 | | | | | | 210 | 211 | | |
| 72/ 71 | | | | .2 | .5 | .5 | .6 | .5 | .5 | .2 | .0 | | | | | | | 191 | 193 | | |
| 70/ 69 | | | .4 | .8 | 1.3 | 1.3 | 1.3 | 1.2 | .4 | .2 | .0 | | | | | | | 409 | 413 | 1 | |
| 68/ 67 | | .0 | .7 | .8 | 1.4 | .3 | .7 | .7 | .2 | .2 | | | | | | | | 344 | 344 | 28 | |
| 66/ 65 | .0 | 1.4 | 1.8 | 1.7 | 1.2 | 1.2 | 1.0 | .7 | .3 | .1 | .0 | | | | | | | 582 | 583 | 126 | |
| 64/ 63 | .4 | 2.3 | 3.0 | 3.3 | 1.5 | 2.7 | 1.1 | .5 | .1 | .1 | | | | | | | | 1036 | 1043 | 392 | 17 |
| 62/ 61 | .5 | 2.5 | 1.9 | 1.0 | 1.3 | .5 | .6 | .2 | .1 | | | | | | | | | 523 | 526 | 752 | 29 |
| 60/ 59 | 1.3 | 3.2 | 3.2 | 1.7 | 1.3 | .3 | .5 | .0 | .0 | | | | | | | | | 731 | 734 | 747 | 55 |
| 58/ 57 | .2 | 1.5 | 1.1 | 1.2 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | 337 | 337 | 861 | 46 |
| 56/ 55 | .7 | 2.2 | 1.5 | 1.3 | .7 | .3 | .1 | .0 | | | | | | | | | | 428 | 428 | 654 | 55 |
| 54/ 53 | .7 | 1.5 | 1.1 | .7 | .5 | .2 | .1 | | | | | | | | | | | 279 | 279 | 701 | 54 |
| 52/ 51 | .5 | 1.3 | 1.5 | .7 | .3 | .1 | .1 | | | | | | | | | | | 319 | 321 | 524 | 46 |
| 50/ 49 | .5 | .9 | .9 | .4 | .1 | .1 | .0 | | | | | | | | | | | 173 | 176 | 474 | 46 |
| 48/ 47 | .5 | 1.1 | .7 | .3 | .0 | .0 | | | | | | | | | | | | 157 | 159 | 344 | 43 |
| 46/ 45 | .1 | .7 | .3 | .4 | .1 | .0 | | | | | | | | | | | | 96 | 96 | 229 | 71 |
| 44/ 43 | .0 | .1 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 33 | 33 | 92 | 34 |
| 42/ 41 | .0 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 19 | 19 | 48 | 33 |
| 40/ 39 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 54 | 19 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 16 | 16 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 5 | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 0 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41151 STATION | AL JUBAY/JUBAYRAH SAUDI ARABIA STATION NAME | 75-84 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 130 139 | | | | | | | | | | | | | | | | | | | | |
| 120 129 | 5.7 | 21.3 | 13.6 | 13.3 | 11.1 | 9.5 | 7.4 | 5.2 | 3.2 | 2.2 | .5 | .4 | .1 | .3 | | | | 6372 | | 625 |
| | | | | | | | | | | | | | | | | | | 6051 | 6051 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 312344472 | 418333 | 69.1 | 19.733 | 6051 | | | | | | | |
| Dry Bulb | 233322237 | 373683 | 61.5 | 7.423 | 6372 | | | 153.2 | 45.4 | 7.9 | | 67 |
| Wet Bulb | 137738653 | 335257 | 55.4 | 5.742 | 6051 | | | 3.2 | | | | 67 |
| Dew Point | 155533133 | 333221 | 55.1 | 7.917 | 6051 | | 16.7 | .1 | | | | 67 |

USAFETAC FORM 0-26-5 (OL A) AM 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
76-84 — YEARS
MAR — MONTH

PAGE 1
0000-0300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | |
| 82/ 81 | | | | | | | .1 | .2 | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | .1 | .5 | .5 | .7 | .1 | | | | | | | | | 17 | 17 | | |
| 76/ 75 | | | | | | .2 | .3 | .4 | .2 | | | | | | | | | 14 | 14 | | |
| 74/ 73 | | | | 1.3 | .7 | .5 | .5 | .2 | .1 | | | | | | | | | 29 | 29 | | |
| 72/ 71 | | | .7 | .9 | .9 | .7 | .4 | .1 | .1 | | | | | | | | | 33 | 33 | 1 | |
| 70/ 69 | .2 | .8 | 2.4 | 1.2 | 1.5 | 1.1 | .4 | .6 | .1 | | | | | | | | | 70 | 70 | 7 | |
| 68/ 67 | | .5 | 2.3 | 1.1 | 1.1 | .5 | .1 | .2 | .1 | | | | | | | | | 55 | 55 | 44 | |
| 66/ 65 | .1 | 3.8 | 2.3 | 1.8 | 1.9 | .3 | .1 | .2 | | | | | | | | | | 93 | 93 | 76 | |
| 64/ 63 | .9 | 4.5 | 2.3 | 2.5 | 1.1 | 1.2 | .1 | .2 | | | | | | | | | | 114 | 115 | 99 | 91 |
| 62/ 61 | 1.1 | 3.2 | 3.7 | 1.4 | .7 | .8 | .2 | | | | | | | | | | | 88 | 88 | 101 | 84 |
| 60/ 59 | 1.5 | 5.3 | 2.3 | 3.4 | .5 | .9 | .2 | | | | | | | | | | | 126 | 126 | 93 | 101 |
| 58/ 57 | .5 | 2.3 | 1.9 | 1.4 | .2 | .1 | | | | | | | | | | | | 54 | 54 | 105 | 76 |
| 56/ 55 | .5 | 1.5 | 3.1 | 1.3 | .2 | | | | | | | | | | | | | 55 | 55 | 79 | 73 |
| 54/ 53 | .2 | .7 | 1.4 | .5 | | | | | | | | | | | | | | 25 | 25 | 78 | 82 |
| 52/ 51 | .1 | 1.5 | 2.1 | .1 | | | | | | | | | | | | | | 53 | 53 | 59 | 37 |
| 50/ 49 | | 1.2 | .9 | | | | | | | | | | | | | | | 18 | 18 | 51 | 82 |
| 48/ 47 | | .7 | .5 | | .2 | | | | | | | | | | | | | 13 | 13 | 38 | 42 |
| 46/ 45 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 13 | 58 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 35 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 29 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.5 | 25.2 | 27.3 | 17.2 | 11.3 | 8.3 | 3.2 | 2.4 | .5 | | | | | | | | | 844 | 844 | 844 | 844 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5142232 | 64708 | 76.7 | 14.688 | 844 |
| Dry Bulb | 3353125 | 52932 | 62.6 | 6.723 | 845 |
| Wet Bulb | 2379283 | 49045 | 58.1 | 5.361 | 844 |
| Dew Point | 2565277 | 46152 | 54.7 | 7.322 | 844 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 24.4 | 7.2 | .3 | | 93 |
| Wet Bulb | | | 5.7 | | | | 21 |
| Dew Point | | | .7 | | | | 3 |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

(41150) STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — MAR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B.-W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | .2 | | | .4 | .3 | .1 | | | | | | | | | | | 2 | 2 | 1 | |
| 74/ 73 | .1 | | | 1.9 | .9 | .5 | .1 | | | | | | | | | | | 15 | 32 | 2 | |
| 72/ 71 | | .1 | .3 | .5 | .3 | .1 | .4 | .1 | .1 | | | | | | | | | 28 | 28 | 1 | |
| 70/ 69 | | .4 | 2.9 | .5 | .5 | .4 | .4 | .1 | .1 | | | | | | | | | 46 | 46 | 6 | |
| 68/ 67 | | 1.2 | 4.2 | 1.4 | 1.5 | .5 | .4 | .1 | | | | | | | | | | 72 | 82 | 38 | 1 |
| 66/ 65 | .7 | 2.9 | 2.5 | 2.5 | .9 | .4 | | | | | | | | | | | | 83 | 83 | 74 | 3 |
| 64/ 63 | .8 | 7.2 | 2.2 | 2.4 | .3 | .2 | .5 | .2 | | | | | | | | | | 128 | 128 | 76 | 7 |
| 62/ 61 | .3 | 2.7 | 1.5 | .7 | 1.1 | .5 | .5 | | | | | | | | | | | 67 | 67 | 108 | 8 |
| 60/ 59 | 3.1 | 4.2 | 2.1 | 1.3 | .5 | .7 | .2 | | | | | | | | | | | 134 | 134 | 125 | 10 |
| 58/ 57 | .8 | 2.4 | 1.3 | 1.4 | .6 | .5 | | | | | | | | | | | | 59 | 59 | 93 | 6 |
| 56/ 55 | 1.5 | 2.2 | 2.1 | 1.2 | .9 | .1 | | | | | | | | | | | | 76 | 76 | 66 | 6 |
| 54/ 53 | .7 | 2.1 | 2.1 | .7 | .1 | | | | | | | | | | | | | 49 | 49 | 73 | 7 |
| 52/ 51 | .4 | 2.1 | 2.5 | .6 | .2 | | | | | | | | | | | | | 42 | 49 | 65 | 5 |
| 50/ 49 | .6 | 1.2 | .6 | .2 | .1 | | | | | | | | | | | | | 20 | 20 | 59 | 6 |
| 48/ 47 | | 1.1 | .4 | .2 | | | | | | | | | | | | | | 14 | 14 | 41 | 4 |
| 46/ 45 | .1 | .3 | .1 | | | | | | | | | | | | | | | 9 | 9 | 25 | 0 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 4 | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 9.3 | 33.9 | 25.5 | 15.4 | 9.4 | 4.9 | 2.5 | .6 | .2 | | | | | | | | | 342 | 851 | 842 | 84 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5522337 | 57328 | 79.3 | 18.532 | 342 | | | | | | | |
| Dry Bulb | 3235931 | 52135 | 61.3 | 5.577 | 351 | | | 21.1 | 9.4 | | | 2 |
| Wet Bulb | 2339412 | 43812 | 57.5 | 6.242 | 342 | | | 5.3 | .3 | | | 2 |
| Dew Point | 2563237 | 46235 | 58.4 | 7.527 | 342 | | .3 | 1.8 | .3 | | | 9 |

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41161 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAR MONTH

PAGE 1 | 2600-2800 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 81 | | | | | | | .2 | | .1 | .1 | | | | | | | | 4 | 4 | | |
| 80 / 79 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 78 / 77 | | | | | .1 | .2 | .2 | | | | | | | | | | | 5 | 5 | | |
| 76 / 75 | | .1 | | .2 | .1 | .5 | .1 | .1 | | | | | | | | | | 11 | 11 | | |
| 74 / 73 | | | .4 | 1.9 | .5 | .4 | .5 | .5 | .1 | | | | | | | | | 36 | 36 | 1 | 1 |
| 72 / 71 | | | .4 | 1.2 | 1.1 | .7 | .9 | | .1 | | | | | | | | | 41 | 41 | | |
| 70 / 69 | | .4 | 2.1 | 1.4 | 1.0 | 1.5 | .2 | .4 | .1 | | | | | | | | | 56 | 58 | 9 | |
| 68 / 67 | .1 | .6 | 1.6 | .6 | 1.0 | .2 | .2 | | .1 | .1 | | | | | | | | 37 | 38 | 41 | 5 |
| 66 / 65 | .2 | 4.6 | 2.6 | 1.7 | 1.6 | 1.1 | .6 | .5 | .1 | | | | | | | | | 105 | 105 | 65 | 24 |
| 64 / 63 | .4 | 7.3 | 3.2 | 3.2 | 2.3 | 2.2 | .4 | .2 | | | | | | | | | | 149 | 149 | 83 | 22 |
| 62 / 61 | 1.0 | 2.6 | 1.6 | .4 | .4 | .6 | .4 | .4 | .1 | | | | | | | | | 58 | 58 | 106 | 69 |
| 60 / 59 | 1.6 | 3.7 | 2.3 | 1.4 | 2.3 | .2 | .4 | | | | | | | | | | | 131 | 131 | 102 | 30 |
| 58 / 57 | .6 | 2.1 | .6 | .2 | .6 | .6 | .1 | | | | | | | | | | | 44 | 44 | 91 | 59 |
| 56 / 55 | 1.2 | 1.7 | 1.2 | 1.6 | 1.2 | .2 | .1 | | | | | | | | | | | 15 | 15 | 71 | 79 |
| 54 / 53 | .6 | .2 | 1.1 | 1.2 | .4 | .2 | | | | | | | | | | | | 3 | 13 | 55 | 87 |
| 52 / 51 | .4 | 1.6 | 1.2 | .7 | .6 | .2 | | | | | | | | | | | | 35 | 38 | 61 | 48 |
| 50 / 49 | .1 | .2 | .7 | .2 | .6 | | | | | | | | | | | | | 15 | 15 | 55 | 43 |
| 48 / 47 | | .2 | .4 | .1 | .1 | .1 | | | | | | | | | | | | 12 | 12 | 38 | 44 |
| 46 / 45 | | .4 | .4 | | | | | | | | | | | | | | | 5 | 7 | 20 | 57 |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | 1a | 22 |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | 5 | 39 |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | 1 | 26 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 17 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 9 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.8 | 26.5 | 17.8 | 15.6 | 13.5 | 7.7 | 4.4 | 2.2 | .2 | .2 | | | | | | | | 511 | | | 899 |
| | | | | | | | | | | | | | | | | | | 539 | | 899 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8538224 | 50172 | 78.4 | 16.643 | 899 | | | | | | | |
| Dry Bulb | 3203217 | 50573 | 92.5 | 6.771 | 311 | | | 22.2 | 5.5 | .5 | | 93 |
| Wet Bulb | 2715569 | 46585 | 87.5 | 6.395 | 899 | | | 5.9 | .1 | | | 93 |
| Dew Point | 2378542 | 43333 | 83.8 | 8.324 | 899 | | 1.6 | .7 | .1 | | | 83 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41103 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAY — MONTH

PART I — 0001-1100 HOURS L.S.T.

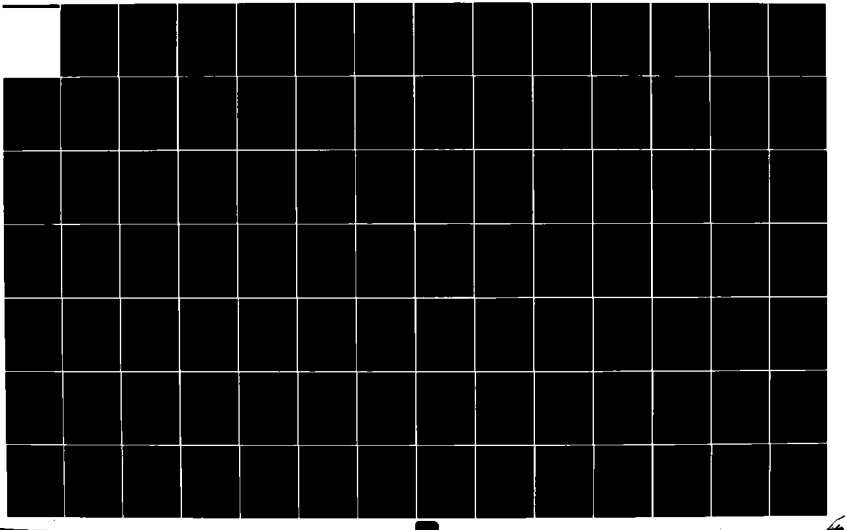
| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥92/ 91 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | | .1 | .1 | | | | .1 | 3 | 3 | | |
| 88/ 87 | | | | | | | | | .1 | | .1 | .2 | .1 | .1 | | | | 5 | 5 | | |
| 86/ 85 | | | | | | | | | .1 | .2 | .1 | | .1 | | | | | 5 | 5 | | |
| 84/ 83 | | | | | | | | .3 | .1 | .3 | .1 | .5 | .1 | .1 | | | | 17 | 19 | | |
| 82/ 81 | | | | | | .2 | .5 | .5 | 1.3 | .5 | .3 | .7 | .1 | | | | | 45 | 46 | | |
| 80/ 79 | | | | | | .2 | .6 | .5 | .3 | .6 | .7 | .2 | .2 | | | | | 42 | 42 | | |
| 78/ 77 | | | | .5 | 1.4 | 1.6 | 1.7 | 1.5 | 2.2 | 1.5 | .3 | .3 | .1 | | | | | 107 | 108 | | |
| 76/ 75 | | | | .2 | .5 | 1.7 | 1.3 | 1.1 | .5 | 1.1 | .3 | | | | | | | 59 | 59 | | |
| 74/ 73 | | | .2 | 2.1 | .3 | 2.6 | 2.3 | 2.4 | 1.7 | 1.3 | .5 | | | | | | | 117 | 117 | | |
| 72/ 71 | | .2 | .7 | .6 | 1.3 | 1.5 | 1.3 | .3 | 1.0 | .6 | | .2 | | | | | | 76 | 76 | 10 | |
| 70/ 69 | .1 | .1 | 1.2 | .7 | 1.2 | 3.2 | 1.7 | 1.3 | .8 | .3 | .1 | | | | | | | 104 | 104 | 38 | 2 |
| 68/ 67 | | .2 | 1.1 | .3 | 2.1 | 1.1 | .5 | 1.1 | .3 | .3 | | | | | | | | 70 | 70 | 66 | 31 |
| 66/ 65 | | 1.3 | 1.5 | 1.3 | 1.5 | 1.4 | 2.1 | .5 | .1 | | | | | | | | | 53 | 52 | 102 | 29 |
| 64/ 63 | | .5 | 1.2 | 1.4 | 1.7 | 1.9 | .9 | .3 | .3 | .1 | | | | | | | | 73 | 73 | 95 | 59 |
| 62/ 61 | | .7 | .1 | .2 | .2 | .5 | .1 | .1 | | | | | | | | | | 23 | 23 | 123 | 70 |
| 60/ 59 | | .7 | .2 | .3 | .5 | .1 | .3 | .3 | | | | | | | | | | 27 | 27 | 118 | 84 |
| 58/ 57 | | .3 | | .2 | | .1 | .1 | .1 | | | | | | | | | | 5 | 5 | 105 | 82 |
| 56/ 55 | .3 | .1 | .1 | .1 | .1 | .2 | | | | | | | | | | | | 9 | 9 | 93 | 85 |
| 54/ 53 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 61 | 43 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 31 | 28 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 8 | 22 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 12 | 14 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 5 | 11 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 5 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |

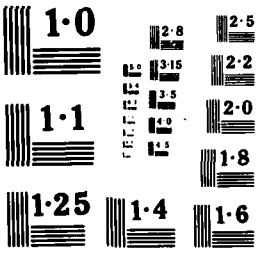
| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD A159 605 AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85 4/5

UNCLASSIFIED USAFETAC/DS-85/013 F/G 4/2 NL




1·0
1·1
1·25
2·8
3·15
3·5
4·0
2·5
2·2
2·0
1·8
1·4
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 (STATION) | AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) | 75-84 (YEARS) | MAR (MONTH)

PAGE 2 | 0000-1100 (HOURS L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | .5 | 4.3 | 5.3 | 9.2 | 12.2 | 15.9 | 14.2 | 11.3 | 9.5 | 7.3 | 4.5 | 3.1 | .9 | .2 | | .1 | | 873 | 874 | 873 | 873 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2725216 | 46183 | 52.9 | 18.333 | 873 | | | | | | | |
| Dry Bulb | 4473253 | 62903 | 71.9 | 6.593 | 874 | | | 69.1 | 42.5 | 17.3 | | 93 |
| Wet Bulb | 3225903 | 52727 | 60.4 | 5.216 | 873 | | | 12.1 | | | | 93 |
| Dew Point | 2478352 | 45212 | 51.8 | 9.715 | 873 | | 1.7 | 1.8 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AX 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41253 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 98/ 97 | | | | | | | | | | | | | | | .2 | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | | | | | .2 | .2 | .1 | | 5 | 5 | | |
| 92/ 91 | | | | | | | | | | .1 | | .3 | | .3 | .2 | | | 9 | 9 | | |
| 90/ 89 | | | | | | | | | .1 | .2 | .1 | .5 | .2 | .6 | .1 | | | 16 | 16 | | |
| 88/ 87 | | | | | | | | | .2 | .7 | .2 | .7 | .1 | .2 | .3 | | | 22 | 22 | | |
| 86/ 85 | | | | | | | | .1 | .1 | .3 | .5 | .5 | .3 | .6 | .3 | | | 24 | 24 | | |
| 84/ 83 | | | | | | | .1 | .2 | 1.5 | 1.2 | .5 | 1.4 | 1.5 | .9 | | | | 62 | 62 | | |
| 82/ 81 | | | | | | .2 | 1.5 | 1.4 | 2.1 | .7 | 1.5 | 1.3 | 1.2 | .7 | | | | 89 | 89 | | |
| 80/ 79 | | | | | .1 | .7 | 1.0 | 1.5 | 1.9 | .8 | 2.6 | .6 | .5 | .1 | | | | 84 | 84 | | |
| 78/ 77 | | | .1 | | .7 | .5 | 2.3 | 2.1 | 2.8 | 3.1 | 2.1 | 1.3 | .2 | | | | | 129 | 129 | | |
| 76/ 75 | | | | .5 | .7 | .3 | .6 | .8 | 1.7 | 1.3 | .5 | | | | | | | 57 | 57 | | |
| 74/ 73 | | | | 1.1 | .8 | .5 | 2.3 | 1.9 | 2.2 | 1.7 | .5 | .5 | .2 | | | | | 134 | 135 | 4 | |
| 72/ 71 | | | .3 | .5 | | .5 | 2.1 | 1.9 | 1.3 | .5 | .5 | .2 | | | | | | 56 | 66 | 14 | 1 |
| 70/ 69 | | | .7 | .3 | .3 | 1.2 | 1.5 | 2.1 | 1.2 | .5 | .1 | | | | | | | 73 | 73 | 53 | 1 |
| 68/ 67 | .1 | | .2 | .1 | .5 | 1.3 | 1.0 | 1.0 | .3 | .1 | | | | | | | | 41 | 41 | 78 | 6 |
| 66/ 65 | | 1.0 | .6 | .7 | .6 | 1.7 | .3 | .3 | | | | | | | | | | 44 | 44 | 94 | 18 |
| 64/ 63 | | .5 | .2 | .1 | .2 | .6 | .1 | | | | | | | | | | | 15 | 15 | 88 | 55 |
| 62/ 61 | | .3 | .2 | | .2 | | .2 | | | | | | | | | | | 9 | 9 | 137 | 32 |
| 60/ 59 | | .1 | | .1 | | .2 | .1 | .1 | | | | | | | | | | 5 | 5 | 131 | 65 |
| 58/ 57 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 122 | 51 |
| 56/ 55 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 79 | 57 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 39 | 53 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 13 | 57 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 53 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 111 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 54 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 70 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 32 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 23 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 15 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 9 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 9 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

40450 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 34/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | .5 | 2.3 | 2.4 | 3.4 | 4.7 | 7.4 | 14.3 | 13.9 | 15.1 | 11.2 | 9.2 | 7.3 | 4.3 | 3.5 | 1.5 | .1 | | 861 | | 861 | |
| | | | | | | | | | | | | | | | | | | 861 | | 861 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 13282b7 | 36587 | 42.7 | 16.827 | 861 | | | | | | | |
| Dry Bulb | 5116337 | 65468 | 76.3 | 6.307 | 861 | | | 84.7 | 55.2 | 25.8 | .8 | 93 |
| Wet Bulb | 3249174 | 52686 | 61.3 | 9.383 | 860 | | | 15.8 | .4 | | | 93 |
| Dew Point | 2232383 | 42322 | 49.8 | 8.288 | 861 | | 2.9 | .9 | | | | 93 |

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 STATION | AL JUBAYL/JAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 99/ 97 | | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 95/ 93 | | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | .1 | | | | .4 | .2 | | | | 3 | 5 | | |
| 90/ 89 | | | | | | | | | .1 | | .1 | | .3 | | .3 | | | | 8 | 8 | | |
| 88/ 87 | | | | | | | | .5 | .1 | .5 | .5 | .5 | .2 | .4 | .2 | | | | 26 | 29 | | |
| 86/ 85 | | | | | | | | .1 | .3 | .1 | .2 | .2 | .2 | | | | | | 11 | 11 | | |
| 84/ 83 | | | | | | | | .5 | 1.3 | .9 | .5 | 1.5 | .6 | .3 | | | | | 43 | 48 | | |
| 82/ 81 | | | | | | | 1.1 | 2.3 | 1.4 | 1.3 | .6 | .8 | 1.3 | .2 | | | | | 74 | 74 | | |
| 80/ 79 | | | | | .3 | .2 | .5 | .7 | 1.4 | 1.1 | .2 | .5 | .3 | | | | | | 59 | 59 | | |
| 78/ 77 | | | | .3 | .7 | 1.7 | 1.6 | 1.5 | 1.3 | 2.2 | 1.9 | 1.1 | | | | | | | 108 | 108 | | |
| 76/ 75 | | | .1 | .5 | .7 | .9 | .5 | .3 | 1.3 | .9 | .7 | .1 | | | | | | | 54 | 54 | | |
| 74/ 73 | | | .1 | 1.5 | .8 | 1.3 | 2.5 | 3.3 | 2.4 | 1.1 | .5 | | | | | | | | 116 | 116 | 7 | |
| 72/ 71 | | .1 | .1 | .3 | .3 | .7 | 1.9 | 2.1 | 1.3 | .3 | .1 | | | | | | | | 72 | 72 | 14 | |
| 70/ 69 | | .3 | 1.4 | .2 | .3 | 1.4 | 3.4 | 2.5 | 1.3 | .3 | .1 | | | | | | | | 101 | 101 | 53 | 1 |
| 68/ 67 | | | .5 | .2 | .7 | .3 | 1.1 | .7 | .5 | .1 | | | | | | | | | 43 | 43 | 85 | 15 |
| 66/ 65 | | .9 | .2 | 1.1 | .9 | 1.3 | 2.7 | .7 | .5 | .1 | | | | | | | | | 75 | 75 | 84 | 23 |
| 64/ 63 | | .1 | .3 | 1.3 | .9 | 1.3 | .6 | .1 | | | | | | | | | | | 35 | 37 | 86 | 52 |
| 62/ 61 | | .3 | .1 | | .3 | .1 | | | | | | | | | | | | | 8 | 8 | 102 | 89 |
| 60/ 59 | | .1 | .2 | .1 | .3 | .3 | .2 | | | | | | | | | | | | 12 | 12 | 143 | 63 |
| 58/ 57 | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 130 | 46 |
| 56/ 55 | | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 92 | 50 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 45 | 48 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 22 | 57 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 7 | 51 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | 77 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 113 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 | 69 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 45 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 32 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 12 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

403153 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 53/ 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| 22/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.9 | 3.1 | 5.5 | 7.3 | 13.5 | 16.7 | 15.5 | 13.3 | 9.3 | 5.2 | 5.3 | 2.7 | 1.9 | .9 | | | 873 | 875 | 873 | 873 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2123397 | 83257 | 86.1 | 15.529 | 873 | | | | | | | |
| Dry Bulb | 833299 | 65037 | 74.9 | 6.383 | 875 | | | 78.8 | 56.1 | 23.9 | .3 | 93 |
| Wet Bulb | 327321 | 53275 | 61.2 | 5.133 | 873 | | | 16.9 | .7 | | | 93 |
| Dew Point | 231391 | 43263 | 52.7 | 8.758 | 873 | | 2.1 | 1.7 | | | | 93 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41416 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PAGE 1 1800-2100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 95/ 85 | | | | | | | | .1 | | | | | .2 | | | | | 3 | 3 | | |
| 87/ 83 | | | | | | | .2 | .1 | .2 | .1 | | .1 | | | | | | 7 | 7 | | |
| 82/ 81 | | | | | | .4 | .5 | 1.1 | .4 | .5 | .4 | | | | | | | 27 | 27 | | |
| 80/ 79 | | | | | | .9 | .7 | .5 | .2 | | .1 | | | | | | | 22 | 22 | | |
| 75/ 77 | | | | .2 | 1.1 | 2.7 | 1.9 | .5 | .4 | .5 | .2 | | | | | | | 32 | 32 | | |
| 75/ 75 | | | .1 | .4 | .7 | 1.5 | .4 | .5 | .7 | | .1 | | | | | | | 35 | 35 | | |
| 74/ 73 | | .2 | .2 | 2.9 | .4 | 2.1 | 1.6 | 1.1 | 1.3 | .4 | | | | | | | | 84 | 84 | 1 | |
| 72/ 71 | | .2 | .7 | 1.6 | 1.1 | 1.1 | 3.2 | .5 | .1 | | | | | | | | | 71 | 71 | 12 | |
| 70/ 69 | .2 | .5 | 3.1 | 1.1 | 1.7 | 3.5 | 1.3 | .9 | .2 | | .1 | | | | | | | 104 | 104 | 34 | 5 |
| 68/ 67 | | .1 | 2.6 | .9 | 3.4 | 2.3 | 1.1 | .7 | | | | | | | | | | 99 | 99 | 78 | 14 |
| 66/ 65 | .6 | 1.6 | 1.3 | 2.3 | 2.7 | 2.3 | 1.3 | .4 | .1 | | | | | | | | | 103 | 104 | 92 | 40 |
| 64/ 63 | .2 | 1.6 | .9 | 2.2 | 3.3 | 2.2 | .7 | .2 | | | | | | | | | | 109 | 109 | 91 | 98 |
| 62/ 61 | .2 | 1.7 | 1.2 | 1.3 | 1.3 | .7 | .4 | | | | | | | | | | | 57 | 57 | 95 | 66 |
| 60/ 59 | | 1.3 | 1.1 | 1.6 | 1.6 | .4 | .1 | | | | | | | | | | | 46 | 46 | 128 | 76 |
| 58/ 57 | .1 | | | .4 | .1 | | | | | | | | | | | | | 5 | 5 | 139 | 56 |
| 56/ 55 | | | | .4 | | | | | | | | | | | | | | 3 | 3 | 94 | 65 |
| 54/ 53 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 54 | 60 |
| 52/ 51 | | | .1 | | | .2 | | | | | | | | | | | | 3 | 3 | 27 | 71 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 9 | 77 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 50 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 65 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 33 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 72 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.5 | 5.3 | 11.4 | 15.3 | 17.3 | 21.1 | 13.3 | 5.7 | 3.9 | 1.5 | 1.7 | .1 | .2 | | | | | | 323 | | 819 |
| | | | | | | | | | | | | | | | | | | 819 | | 819 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3377279 | 51951 | 62.2 | 15.381 | 819 | | | | | | | |
| Dry Bulb | 3919299 | 55475 | 68.9 | 6.328 | 823 | | | 55.9 | 25.3 | 4.6 | | 93 |
| Wet Bulb | 3339204 | 49717 | 60.7 | 5.197 | 819 | | | 18.2 | .1 | | | 93 |
| Dew Point | 2495392 | 33735 | 58.6 | 7.578 | 819 | | .5 | 2.3 | | | | 33 |

USAFETAC FORM AWS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | MAR

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2300 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| 120/ 81 | | | | | | | .2 | .1 | .1 | .1 | .2 | | | | | | | 7 | 7 | | |
| 80/ 79 | | | | | .5 | .5 | .2 | .1 | .2 | | .1 | | | | | | | 16 | 16 | | |
| 78/ 77 | | | | .1 | .2 | 1.1 | .7 | .2 | .2 | | | | | | | | | 22 | 22 | | |
| 76/ 75 | | | | .2 | .4 | .3 | .1 | .4 | .1 | | | | | | | | | 17 | 17 | | |
| 74/ 73 | | .1 | .4 | 1.9 | 1.2 | 2.0 | .2 | .4 | | | | | | | | | | 52 | 52 | | |
| 72/ 71 | | .2 | .7 | 1.4 | 1.7 | 1.3 | .2 | | | | | | | | | | | 44 | 44 | 13 | 1 |
| 70/ 69 | .1 | .7 | 2.7 | 2.5 | 2.4 | 2.9 | .6 | .2 | | | | | | | | | | 132 | 133 | 15 | 1 |
| 68/ 67 | | .5 | 3.5 | 1.3 | 2.6 | 1.1 | .5 | | | | | | | | | | | 76 | 77 | 51 | 15 |
| 66/ 65 | .4 | 2.6 | 2.1 | 3.0 | 1.2 | 1.4 | .8 | .2 | .1 | | | | | | | | | 100 | 100 | 98 | 79 |
| 64/ 63 | .6 | 3.3 | 1.9 | 5.3 | 3.5 | 1.7 | .4 | .1 | | | | | | | | | | 138 | 135 | 109 | 102 |
| 62/ 61 | .4 | 4.3 | 1.3 | 2.4 | 1.6 | .4 | .4 | | | | | | | | | | | 93 | 93 | 100 | 82 |
| 60/ 59 | .2 | 2.3 | 2.3 | 3.3 | 2.1 | .2 | .2 | | | | | | | | | | | 96 | 96 | 122 | 123 |
| 58/ 57 | .1 | .5 | .7 | 1.0 | .5 | .1 | | | | | | | | | | | | 25 | 25 | 98 | 77 |
| 56/ 55 | | .7 | 1.1 | 1.2 | .1 | | | | | | | | | | | | | 24 | 24 | 92 | 73 |
| 54/ 53 | .1 | .2 | .5 | .2 | | | | | | | | | | | | | | 10 | 10 | 60 | 66 |
| 52/ 51 | | .1 | .5 | .2 | .2 | | | | | | | | | | | | | 2 | 2 | 43 | 77 |
| 50/ 49 | | | .4 | | .1 | | | | | | | | | | | | | 4 | 4 | 30 | 72 |
| 48/ 47 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 7 | 38 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 5 | 52 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 4 | 21 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTA | 1.9 | 15.8 | 19.3 | 24.3 | 18.8 | 13.2 | 4.7 | 1.3 | .9 | .1 | .4 | | | | | | | | 541 | | 838 |
| | | | | | | | | | | | | | | | | | | 838 | | 838 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8872813 | 53567 | 71.1 | 14.178 | 838 | | | | | | | |
| Dry Bulb | 3533219 | 55345 | 65.5 | 6.392 | 540 | | | 37.4 | 12.5 | 1.2 | | 93 |
| Wet Bulb | 3111923 | 52333 | 59.7 | 5.355 | 838 | | | 8.4 | | | | 93 |
| Dew Point | 2512741 | 45437 | 55.4 | 6.337 | 838 | | .3 | 1.9 | | | | 97 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | AL JUBAYL/JUBAYRAH SAUDI ARABIA STATION NAME | 75-84 YEARS | MAR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99/ 97 | | | | | | | | | | | | | | .0 | .0 | | | 5 | 5 | | |
| 95/ 93 | | | | | | | | | | | | | | | .0 | | | 1 | 1 | | |
| 91/ 93 | | | | | | | | | | | | .0 | | .0 | .0 | .0 | | 5 | 5 | | |
| 89/ 91 | | | | | | | | | | .0 | | .1 | | .1 | .1 | | | 12 | 12 | | |
| 87/ 89 | | | | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .0 | | 27 | 27 | | |
| 85/ 87 | | | | | | | | .1 | .1 | .1 | .2 | .2 | .1 | .1 | .1 | | | 59 | 62 | | |
| 83/ 85 | | | | | | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | 43 | 43 | | |
| 81/ 83 | | | | | | | .2 | .2 | .4 | .3 | .2 | .5 | .3 | .2 | | | | 136 | 136 | | |
| 79/ 81 | | | | | | .1 | .6 | .7 | .7 | .4 | .5 | .3 | .3 | .1 | | | | 250 | 255 | | |
| 77/ 79 | | | | | .1 | .5 | .4 | .4 | .5 | .3 | .5 | .2 | .1 | .2 | | | | 213 | 213 | | |
| 75/ 77 | | | | .0 | .2 | .5 | 1.0 | 1.1 | .7 | .9 | .9 | .7 | .4 | .0 | | | | 441 | 442 | | |
| 73/ 75 | | | .0 | .0 | .3 | .5 | .9 | .5 | .5 | .5 | .4 | .2 | .3 | | | | | 267 | 267 | 1 | |
| 71/ 73 | .0 | .0 | .2 | 1.3 | .7 | 1.2 | 1.3 | 1.2 | 1.0 | .5 | .2 | .1 | .0 | | | | | 568 | 569 | 15 | 4 |
| 69/ 71 | | .1 | .5 | 1.0 | 1.0 | .3 | 1.3 | .7 | .5 | .3 | .1 | .1 | | | | | | 431 | 431 | 62 | 2 |
| 67/ 69 | .1 | .4 | 2.1 | 1.0 | 1.2 | 1.9 | 1.2 | 1.1 | .5 | .2 | .1 | | | | | | | 657 | 658 | 212 | 15 |
| 65/ 67 | .0 | .4 | 2.1 | .7 | 1.5 | .9 | .7 | .5 | .2 | .1 | | | | | | | | 486 | 489 | 481 | 31 |
| 63/ 65 | .3 | 2.3 | 1.5 | 1.3 | 1.4 | 1.2 | 1.1 | .4 | .1 | .0 | | | | | | | | 536 | 687 | 695 | 228 |
| 61/ 63 | .4 | 3.1 | 1.6 | 2.2 | 1.7 | 1.7 | .5 | .2 | .0 | .0 | | | | | | | | 762 | 764 | 727 | 645 |
| 59/ 61 | .4 | 2.2 | 1.2 | .3 | .3 | .4 | .3 | .1 | .0 | | | | | | | | | 433 | 433 | 882 | 516 |
| 57/ 59 | .3 | 2.2 | 1.4 | 1.5 | 1.0 | .5 | .2 | .1 | | | | | | | | | | 518 | 518 | 937 | 682 |
| 55/ 57 | .3 | .9 | .5 | .7 | .3 | .2 | .2 | .0 | | | | | | | | | | 198 | 198 | 340 | 559 |
| 53/ 55 | .4 | .8 | .9 | .3 | .3 | .1 | .3 | | | | | | | | | | | 226 | 226 | 649 | 551 |
| 51/ 53 | .2 | .5 | .7 | .3 | .1 | .0 | .0 | | | | | | | | | | | 120 | 120 | 464 | 498 |
| 49/ 51 | .1 | .7 | .3 | .2 | .1 | .1 | | | | | | | | | | | | 132 | 132 | 321 | 455 |
| 47/ 49 | .0 | .3 | .3 | .1 | .1 | | | | | | | | | | | | | 57 | 57 | 236 | 513 |
| 45/ 47 | | .3 | .2 | .0 | .0 | .0 | | | | | | | | | | | | 42 | 42 | 141 | 417 |
| 43/ 45 | .0 | .2 | .1 | | | | | | | | | | | | | | | 18 | 19 | 67 | 599 |
| 41/ 43 | | | | | | | | | | | | | | | | | | | | 29 | 333 |
| 39/ 41 | | | | | | | | | | | | | | | | | | | | 15 | 201 |
| 37/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 143 |
| 35/ 37 | | | | | | | | | | | | | | | | | | | | | 94 |
| 33/ 35 | | | | | | | | | | | | | | | | | | | | | 56 |
| 31/ 33 | | | | | | | | | | | | | | | | | | | | | 55 |
| 29/ 31 | | | | | | | | | | | | | | | | | | | | | 41 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41412 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAR — MONTH

PART D
ALL — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | Dry Bulb | Wet Bulb | Dew Point |
| ≥90/ 29 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 85/ 27 | | | | | | | | | | | | | | | | | | | | | | 12 |
| 80/ 25 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 75/ 23 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 70/ 21 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 65/ 19 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.1 | 14.1 | 14.2 | 13.3 | 11.5 | 11.5 | 9.2 | 6.3 | 5.5 | 3.7 | 2.7 | 2.3 | 1.3 | .7 | .3 | .3 | | | 6777 | | 6765 | |
| | | | | | | | | | | | | | | | | | | | 6765 | | 6765 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 23776418 | 4253738 | 63.0 | 27.342 | 6765 | | | | | | | |
| Dry Bulb | 31743934 | 4513233 | 67.9 | 8.473 | 6777 | | | 396.5 | 223.4 | 55.3 | 1.1 | 744 |
| Wet Bulb | 29213372 | 4022952 | 59.6 | 5.739 | 6765 | | | 34.8 | 1.9 | | | 744 |
| Dew Point | 13527322 | 3591485 | 53.1 | 9.257 | 6765 | | 9.5 | 11.2 | .4 | | | 744 |

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
DRAFTED
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41153 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 APR
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89/ 87 | | | | | | | | | | | •1 | | | | | | | 1 | 1 | | |
| 87/ 85 | | | | | | •1 | | | | •4 | •1 | •3 | | •1 | | | | 5 | 5 | | |
| 85/ 83 | | | | | •3 | | •2 | •5 | •3 | •1 | | | | | | | | 11 | 11 | | |
| 83/ 81 | | | | | | •3 | 1•3 | •9 | •5 | •1 | •3 | | | | | | | 32 | 32 | | |
| 81/ 79 | | | | •1 | •4 | 1•4 | 1•4 | •3 | •1 | | | | | | | | | 29 | 29 | | |
| 79/ 77 | | | •4 | 1•3 | 3•3 | 3•1 | 1•6 | •5 | 1•1 | •8 | •1 | | | | | | | 26 | 29 | | |
| 77/ 75 | | •1 | •4 | •5 | 2•3 | 2•6 | 1•4 | •9 | •4 | •4 | •1 | | | | | | | 23 | 25 | 3 | |
| 75/ 73 | | •5 | 1•4 | 3•1 | •9 | 2•3 | 2•3 | •4 | •5 | •5 | | | | | | | | 18 | 19 | 9 | 2 |
| 73/ 71 | | •8 | 1•7 | 1•4 | 2•1 | 1•3 | 1•4 | •6 | •5 | •1 | •1 | | | | | | | 16 | 17 | 25 | 12 |
| 71/ 69 | •6 | 1•6 | 3•6 | •9 | 2•4 | 2•3 | •6 | •6 | •3 | | | | | | | | | 13 | 13 | 68 | 15 |
| 69/ 67 | | •9 | 2•6 | •6 | 1•9 | 1•1 | •4 | •6 | | | | | | | | | | 63 | 63 | 143 | 33 |
| 67/ 65 | •6 | 1•6 | 1•3 | 1•3 | 1•3 | 1•3 | 1•4 | •6 | | | | | | | | | | 77 | 77 | 121 | 77 |
| 65/ 63 | •1 | 2•3 | 1•4 | 2•3 | •9 | •9 | | | | | | | | | | | | 63 | 64 | 84 | 155 |
| 63/ 61 | | •9 | 1•3 | •6 | 1•3 | | | | | | | | | | | | | 33 | 33 | 102 | 78 |
| 61/ 59 | •3 | •6 | | •1 | •5 | •4 | | | | | | | | | | | | 15 | 15 | 83 | 68 |
| 59/ 57 | | •1 | •1 | •1 | •1 | | | | | | | | | | | | | 4 | 4 | 64 | 51 |
| 57/ 55 | | | •3 | •1 | | | | | | | | | | | | | | 3 | 3 | 37 | 48 |
| 55/ 53 | | •1 | | | •3 | | | | | | | | | | | | | 3 | 3 | 33 | 49 |
| 53/ 51 | | | | | | | | | | | | | | | | | | | | 8 | 37 |
| 51/ 49 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 49/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 27 |
| 47/ 45 | | | | | | | | | | | | | | | | | | | | | 11 |
| 45/ 43 | | | | | | | | | | | | | | | | | | | | | 16 |
| 43/ 41 | | | | | | | | | | | | | | | | | | | | | 14 |
| 41/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 39/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 37/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 35/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.6 | 13.7 | 13.9 | 14.3 | 18.3 | 17.1 | 12.3 | 5.8 | 4.3 | 2.1 | 1.3 | | .1 | | | | | 303 | 304 | 833 | 833 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3523342 | 52233 | 65.3 | 15.393 | 833 | | | | | | | |
| Dry Bulb | 4139705 | 57234 | 71.2 | 5.935 | 804 | | | 57.7 | 42.4 | 5.9 | | 92 |
| Wet Bulb | 3285263 | 50783 | 63.5 | 5.125 | 833 | | | 30.2 | 1.4 | | | 32 |
| Dew Point | 2751398 | 46534 | 58.2 | 7.499 | 833 | | | 7.3 | .2 | | | 7 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41157 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1 — 0000-0700 HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38/ 37 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 48/ 33 | | | | | .1 | | .2 | .1 | | | | | | | | | | 4 | 4 | | |
| 32/ 31 | | | | | .3 | .5 | .2 | .4 | .2 | .1 | .1 | | | | | | | 24 | 24 | | |
| 30/ 29 | | | | | .1 | 1.1 | .5 | .5 | | | .1 | | | | | | | 23 | 23 | | |
| 78/ 77 | | | | .3 | 1.4 | 2.3 | .5 | .3 | .4 | .1 | | | | | | | | 46 | 46 | | |
| 76/ 75 | | | .1 | 1.2 | 1.3 | .3 | .2 | .4 | .1 | .1 | | | | | | | | 37 | 37 | 1 | |
| 74/ 73 | .1 | .3 | 1.5 | 4.7 | 2.2 | 2.7 | 2.2 | .3 | .3 | .4 | | | | | | | | 122 | 122 | 4 | 1 |
| 72/ 71 | .5 | .5 | 2.2 | 2.2 | 3.0 | 1.2 | 1.4 | 1.1 | .4 | .4 | | | | | | | | 114 | 114 | 23 | 5 |
| 70/ 69 | | 1.5 | 3.8 | 1.5 | 1.0 | 1.8 | .2 | .4 | .3 | | | | | | | | | 90 | 90 | 51 | 20 |
| 68/ 67 | .5 | 1.3 | 3.0 | 1.3 | 1.3 | 1.5 | 1.3 | .5 | .3 | | | | | | | | | 95 | 95 | 111 | 46 |
| 66/ 65 | .4 | 2.2 | 2.2 | .4 | 1.0 | 1.3 | 1.5 | .4 | .4 | | | | | | | | | 81 | 81 | 124 | 63 |
| 64/ 63 | .1 | 4.2 | 1.2 | 1.4 | 1.4 | 1.3 | .5 | .1 | | | | | | | | | | 77 | 77 | 114 | 124 |
| 62/ 61 | | 1.4 | 1.1 | .2 | .5 | .4 | | | | | | | | | | | | 34 | 34 | 96 | 97 |
| 60/ 59 | .3 | 1.5 | .2 | .4 | .3 | .1 | .1 | | | | | | | | | | | 26 | 26 | 72 | 80 |
| 58/ 57 | .3 | | .1 | .4 | | .1 | | | | | | | | | | | | 7 | 7 | 74 | 53 |
| 56/ 55 | | .1 | | | .3 | | | | | | | | | | | | | 3 | 3 | 51 | 21 |
| 54/ 53 | | .1 | .3 | .1 | .3 | | | | | | | | | | | | | 5 | 5 | 35 | 47 |
| 52/ 51 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 17 | 45 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 55 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 7 | 25 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 13 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 17 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 15 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 7 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.3 | 19.1 | 16.5 | 21.5 | 21.3 | 21.3 | 15.7 | 12.5 | 5.2 | 3.8 | 1.3 | .3 | | | | | | | 739 | | 739 |
| | | | | | | | | | | | | | | | | | | 739 | | 739 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 335179.4 | 53454 | 67.7 | 17.133 | 789 | | | | | | | |
| Dry Bulb | 335243.5 | 54933 | 69.6 | 5.722 | 789 | | | 53.2 | 23.9 | 4.2 | | 90 |
| Wet Bulb | 311536.2 | 49401 | 62.6 | 5.315 | 789 | | | 23.4 | .6 | | | 80 |
| Dew Point | 267392 | 45422 | 57.6 | 7.817 | 789 | | | 8.6 | .1 | | | 30 |

FORM AF 0-26 5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41252 — A. JUBAY/DHAHRAN SAUDI ARABIA — 75-84 — APR
STATION — STATION NAME — YEARS — MONTH

PART I — 0000-1800 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | | | | | | |
| 115/117 | | | | | | | .1 | | .1 | .1 | .3 | | | | | | | | | | | | 1 | 1 | | |
| 110/114 | | | | | | | | .1 | | .3 | | | | | | | | | | | | | 3 | 3 | | |
| 105/109 | | | | | | | .1 | .3 | .4 | .3 | .1 | .4 | | | | | | | | | | | 10 | 10 | | |
| 100/104 | | | | | .1 | .4 | 1.3 | 1.1 | 1.2 | 1.4 | .4 | 1.1 | .4 | | | | | | | | | | 13 | 13 | | |
| 95/99 | | | | | .6 | 1.5 | .9 | .6 | .3 | .9 | .1 | | | | | | | | | | | | 71 | 71 | | |
| 90/94 | | | | .5 | .3 | 2.2 | 2.2 | 2.2 | 1.7 | .9 | .5 | .1 | .4 | | | | | | | | | | 97 | 97 | | |
| 85/89 | .1 | .1 | .5 | 1.7 | 1.1 | 1.3 | 2.5 | .3 | .3 | | .2 | | | | | | | | | | | | 72 | 72 | 4 | 1 |
| 80/84 | .1 | .4 | .6 | 2.4 | 1.2 | 2.5 | 2.3 | 1.4 | 1.4 | .3 | .2 | | | | | | | | | | | | 114 | 114 | 15 | 4 |
| 75/79 | .3 | .5 | 1.3 | .9 | 1.3 | 1.7 | 1.3 | 1.3 | .1 | .4 | .1 | | | | | | | | | | | | 75 | 75 | 31 | 5 |
| 70/74 | | 1.1 | 2.3 | 1.4 | 1.7 | 2.3 | 1.4 | .3 | .5 | .4 | | | | | | | | | | | | | 72 | 86 | 61 | 17 |
| 65/69 | .4 | .3 | 1.3 | .5 | .6 | .5 | .3 | .9 | .3 | .1 | | | | | | | | | | | | | 49 | 49 | 115 | 34 |
| 60/64 | .4 | 1.3 | 1.4 | .3 | 1.3 | .2 | .5 | .3 | .3 | | | | | | | | | | | | | | 56 | 56 | 107 | 32 |
| 55/59 | .2 | 1.4 | 1.3 | .5 | 1.3 | 1.3 | 1.3 | .1 | | | | | | | | | | | | | | | 51 | 51 | 117 | 109 |
| 50/54 | .4 | 1.3 | .5 | .1 | .4 | | .1 | | | | | | | | | | | | | | | | 24 | 24 | 113 | 74 |
| 45/49 | .3 | .5 | .1 | .1 | | .2 | .4 | | | | | | | | | | | | | | | | 14 | 14 | 73 | 54 |
| 40/44 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | 2 | 64 | 67 |
| 35/39 | | .2 | | | .1 | | | | | | | | | | | | | | | | | | 1 | 3 | 33 | 57 |
| 30/34 | | .1 | | | .3 | | | | | | | | | | | | | | | | | | | 2 | 32 | 41 |
| 25/29 | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 33 |
| 20/24 | | | | .1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 12 |
| 15/19 | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 28 |
| 10/14 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 5/9 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/4 | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| -5/-1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-6 | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| -15/-11 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-16 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -25/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.3 | 7.5 | 10.7 | 12.3 | 13.3 | 15.3 | 15.3 | 9.3 | 5.4 | 4.2 | 2.4 | 1.1 | | | | | | | | | | | 724 | 726 | 724 | 724 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 3142353 | 47433 | 50.5 | 18.447 | 784 | | | | | | | |
| Dry Bulb | 4123736 | 56725 | 72.3 | 5.142 | 785 | | | 72.3 | 47.1 | 12.7 | | 132 |
| Wet Bulb | 3145204 | 49435 | 63.1 | 5.379 | 784 | | | 5.3 | 2.2 | | | 72 |
| Dew Point | 2571143 | 43423 | 56.5 | 3.422 | 784 | | .3 | 7.5 | .5 | | | 92 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | MAY MONTH

PART 1 [illegible] HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible]/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| [illegible]/ 97 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| [illegible]/ 95 | | | | | | | | | | .1 | .1 | .2 | .2 | | .5 | .2 | | 12 | 12 | | |
| [illegible]/ 93 | | | | | | | .1 | | .1 | | .5 | .2 | .5 | .2 | .4 | .1 | .1 | 22 | 22 | | |
| [illegible]/ 91 | | | | | | | | .4 | | 1.3 | .4 | 1.4 | .2 | 1.3 | | | | 43 | 43 | | |
| [illegible]/ 89 | | | | | | .1 | .1 | .7 | .4 | .5 | .5 | 1.1 | .5 | .2 | .4 | .2 | | 41 | 41 | | |
| [illegible]/ 87 | | | | | .4 | | .4 | .5 | 2.2 | 1.3 | 2.3 | 1.3 | 1.3 | .5 | .5 | | | 91 | 91 | | |
| [illegible]/ 85 | | | | .1 | | .1 | .1 | .2 | 1.7 | 1.4 | .5 | .7 | .4 | .2 | .1 | | | 76 | 76 | | |
| [illegible]/ 83 | | | .1 | | .1 | .7 | 1.2 | 1.3 | 1.3 | 1.9 | .5 | 1.5 | .4 | | | | | 106 | 106 | | |
| [illegible]/ 81 | | | .4 | 1.2 | 1.3 | 1.5 | 4.2 | 3.2 | 1.2 | 1.3 | .7 | 2.2 | .5 | .1 | | | | 174 | 176 | 2 | |
| [illegible]/ 79 | | .1 | .4 | .2 | 1.3 | 2.5 | .5 | 1.2 | .2 | .5 | .5 | .1 | | | | | | 57 | 57 | 5 | |
| [illegible]/ 77 | .2 | .2 | .4 | 1.1 | 1.1 | 1.5 | 1.2 | 1.1 | .3 | .5 | .2 | .2 | | | | | | 75 | 75 | 26 | |
| [illegible]/ 75 | | .4 | .4 | .7 | .3 | .7 | .5 | .3 | .2 | .1 | | | | | | | | 39 | 39 | 45 | 1 |
| [illegible]/ 73 | .1 | .5 | .5 | .3 | .5 | .5 | .4 | 1.2 | .1 | .2 | | | | | | | | 32 | 32 | 82 | 2 |
| [illegible]/ 71 | | | .5 | .7 | .4 | .2 | .5 | .2 | .2 | | | | | | | | | 24 | 24 | 104 | 4 |
| [illegible]/ 69 | | | .4 | .1 | .1 | .2 | | .1 | .1 | | | | | | | | | 2 | 9 | 154 | 11 |
| [illegible]/ 67 | | | .5 | | | | | .1 | | | | | | | | | | 5 | 5 | 171 | 4 |
| [illegible]/ 65 | | .2 | | | | .1 | .1 | .1 | | | | | | | | | | 5 | 5 | 116 | 5 |
| [illegible]/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 1 | 1 | 81 | 13 |
| [illegible]/ 61 | | | | | | | | | | | | | | | | | | | | 14 | 7 |
| [illegible]/ 59 | | | | | | | | | | | | | | | | | | | | 37 | 7 |
| [illegible]/ 57 | | | | | | | | | | | | | | | | | | | | 14 | 5 |
| [illegible]/ 55 | | | | | | | | | | | | | | | | | | | | 6 | 3 |
| [illegible]/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| [illegible]/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| [illegible]/ 49 | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible]/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible]/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible]/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible]/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible]/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible]/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| [illegible]/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible]/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 73-84 YEARS | MAY MONTH

PART I 0300-0500 HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] / 91 | | | | | | | | | | | | .1 | .1 | | | | | [illegible] | [illegible] | | |
| 90 / 89 | | | | | | | | | .1 | .4 | .2 | .1 | .1 | .2 | | | | 10 | 13 | | |
| [illegible] / 87 | | | | | | .2 | | .1 | 1.3 | .4 | .7 | .2 | .2 | .2 | .2 | | | 21 | 31 | | |
| 86 / 85 | | | | .4 | .1 | .4 | 1.2 | .9 | 1.2 | .7 | .1 | .1 | .1 | .1 | .1 | | | 43 | 43 | | |
| [illegible] / 83 | | | | .4 | .9 | .6 | 2.4 | 1.9 | 1.1 | 1.1 | .6 | .2 | .2 | .2 | | | | 76 | 76 | | |
| [illegible] / 81 | | | .6 | .9 | 1.2 | 1.3 | 2.9 | 2.9 | 2.7 | 1.3 | 1.1 | .4 | .2 | .1 | | | | 134 | 134 | | |
| [illegible] / 79 | | .2 | .7 | 1.8 | 1.1 | 2.1 | 1.1 | 1.7 | .7 | 1.3 | .6 | .2 | | | | | | 36 | 37 | 4 | |
| 78 / 77 | .1 | 1.1 | 1.6 | 1.6 | 2.0 | 2.3 | 2.1 | 2.2 | 1.7 | 1.2 | .6 | .1 | | | | | | 131 | 131 | 16 | 3 |
| 76 / 75 | | .7 | 1.8 | 1.8 | 1.6 | 2.1 | .7 | .6 | 1.0 | .2 | | | | | | | | 21 | 21 | 33 | 21 |
| 74 / 73 | .2 | 1.3 | 1.3 | 2.7 | .9 | 1.6 | 1.2 | 1.3 | .6 | | | | | | | | | 33 | 33 | 76 | 26 |
| [illegible] / 71 | | .7 | .6 | 2.3 | 1.1 | 1.1 | .6 | .6 | | | | | | | | | | 13 | 13 | 109 | 49 |
| [illegible] / 69 | | | 1.1 | .9 | 1.1 | .6 | .9 | .9 | | | | | | | | | | 36 | 36 | 124 | 96 |
| [illegible] / 67 | | .1 | .6 | .6 | .2 | .1 | .1 | | | | | | | | | | | 14 | 14 | 100 | 55 |
| [illegible] / 65 | | .2 | | .4 | .2 | | .2 | .1 | | | | | | | | | | 13 | 13 | 105 | 84 |
| [illegible] / 63 | | | .1 | | .2 | | .1 | | | | | | | | | | | 4 | 4 | 98 | 105 |
| [illegible] / 61 | | .4 | | | | | | | | | | | | | | | | 2 | 3 | 74 | 59 |
| [illegible] / 59 | .2 | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 54 | 74 |
| [illegible] / 57 | | | | | | | | | | | | | | | | | | | | 23 | 41 |
| [illegible] / 55 | | | | | | | | | | | | | | | | | | | | 5 | 58 |
| [illegible] / 53 | | | | | | | | | | | | | | | | | | | | | 29 |
| [illegible] / 51 | | | | | | | | | | | | | | | | | | | | 2 | 32 |
| [illegible] / 49 | | | | | | | | | | | | | | | | | | | | | 22 |
| [illegible] / 47 | | | | | | | | | | | | | | | | | | | | | 13 |
| [illegible] / 45 | | | | | | | | | | | | | | | | | | | | | 20 |
| [illegible] / 43 | | | | | | | | | | | | | | | | | | | | | 12 |
| [illegible] / 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| [illegible] / 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| [illegible] / 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible] / 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | .2 | 4.9 | 7.7 | 13.2 | 13.3 | 12.5 | 12.3 | 12.6 | 13.4 | 7.2 | 3.9 | 1.5 | 1.1 | 1.3 | .4 | | | 513 | 519 | 818 | 818 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2273579 | 47037 | 57.5 | 19.3 | 818 | | | | | | | |
| Dry Bulb | 5336973 | 53385 | 73.3 | 5.3 | 819 | | | 91.9 | 79.1 | 33.3 | | 93 |
| Wet Bulb | 3722252 | 55033 | 67.2 | 5.3 | 818 | | | 52.5 | 14.7 | .1 | | 93 |
| Dew Point | 3397295 | 49918 | 62.4 | 5.7 | 818 | | .2 | 24.3 | 5.9 | | | 93 |

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41453 — STATION
A. JUBAY/JUBAYL SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1 — 0001-2359 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120/ 99 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | | .5 | .1 | .1 | | | | 5 | 5 | | |
| 90/ 89 | | | | | | | | .1 | .2 | .5 | .7 | .4 | .2 | | | | | 19 | 19 | | |
| 88/ 87 | | | | | .1 | .1 | .5 | .2 | 1.2 | .9 | .9 | .7 | | .9 | | | | 41 | 41 | | |
| 86/ 85 | | | | .1 | .2 | 1.2 | .6 | .9 | 1.1 | .6 | .1 | .5 | .2 | .1 | .1 | | | 49 | 49 | | |
| 84/ 83 | | | .1 | 1.0 | 1.1 | .5 | 1.2 | 2.2 | 1.7 | 1.1 | .9 | .5 | .4 | .1 | | | | 89 | 89 | | |
| 82/ 81 | | | .6 | 1.6 | 3.1 | 2.4 | 2.8 | 5.1 | 3.3 | 1.1 | 1.2 | .9 | .2 | | | | | 127 | 129 | 1 | |
| 80/ 79 | | .1 | .7 | 2.0 | 1.2 | 2.5 | 1.0 | .9 | 1.1 | .5 | .5 | .1 | | | | | | 86 | 87 | 5 | 2 |
| 78/ 77 | .4 | .6 | 1.9 | 2.2 | 4.2 | 2.7 | 1.9 | 1.6 | 1.5 | .4 | .1 | .1 | | | | | | 143 | 142 | 25 | 10 |
| 76/ 75 | | .7 | .6 | 1.6 | 1.1 | 1.2 | 1.4 | .4 | | | | | | | | | | 85 | 85 | 55 | 21 |
| 74/ 73 | .2 | .4 | .9 | 2.2 | 1.2 | 1.2 | .9 | .2 | | | .1 | | | | | | | 58 | 58 | 77 | 31 |
| 72/ 71 | | | .6 | .9 | .4 | .1 | 1.6 | .2 | | | | | | | | | | 30 | 30 | 96 | 56 |
| 70/ 69 | .1 | | .9 | .6 | .7 | 1.2 | .1 | | | .1 | | | | | | | | 33 | 33 | 136 | 41 |
| 68/ 67 | | | .4 | .4 | .6 | | | | | | | | | | | | | 11 | 11 | 121 | 54 |
| 66/ 65 | | | | .2 | .2 | .1 | .4 | | | | | | | | | | | 2 | 2 | 95 | 66 |
| 64/ 63 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 87 | 107 |
| 62/ 61 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 59 | 66 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 38 | 81 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 7 | 30 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 43 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 32 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 30 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 27 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .7 | 2.1 | 5.5 | 12.5 | 14.1 | 13.5 | 12.4 | 11.9 | 9.9 | 5.3 | 4.6 | 3.5 | 1.4 | 1.2 | .2 | | | 578 | 811 | 878 | 938 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2352731 | 45923 | 56.8 | 17.341 | 938 | | | | | | | |
| Dry Bulb | 3127575 | 64335 | 79.3 | 5.833 | 811 | | | 91.5 | 83.1 | 46.2 | .2 | |
| Wet Bulb | 3777777 | 55133 | 68.2 | 9.977 | 938 | | | 59.3 | 18.9 | .3 | | |
| Dew Point | 3101358 | 42572 | 61.9 | 8.338 | 878 | | | 28.6 | 7.5 | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41163 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

PAGE 2 | ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 43 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 41 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 15 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 9 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 12 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 7 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 4 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | .4 | .7 | 3.2 | 9.5 | 11.3 | 11.5 | 9.8 | 8.1 | 6.5 | 5.2 | 5.5 | 3.8 | 3.2 | 2.3 | 1.7 | 1.4 | 6524 | 6492 | 6492 |
| | | | | | | | | | | | | | | | | | | 6492 | 6492 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 | Total |
| Rel. Hum. | 137823365 | 332233 | 51.2 | 27.599 | 6432 | | | | | | | |
| Dry Bulb | 39597724 | 529332 | 77.5 | 9.522 | 6524 | | | 542.3 | 519.5 | 293.5 | 35.9 | 720 |
| Wet Bulb | 27221331 | 419139 | 64.6 | 5.243 | 6492 | | | 271.9 | 33.3 | .2 | | 720 |
| Dew Point | 23677743 | 351131 | 55.6 | 9.382 | 6492 | | 5.5 | 53.7 | 5.2 | .1 | | 72 |

AC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

404150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

PAGE 1 | ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 136/135 | | | | | | | | | | .0 | | | | | | | .0 | | 3 | 3 | | |
| 134/133 | | | | | | | | | | | | | | | | | .0 | | 2 | 2 | | |
| 132/131 | | | | | | | | | | | | | | | .0 | | .2 | | 13 | 13 | | |
| 130/ 99 | | | | | | | | | | | | | .1 | .1 | .1 | .3 | .5 | | 53 | 53 | | |
| 98/ 97 | | | | | | | | | | .1 | .0 | .0 | .0 | .2 | .1 | .2 | .2 | | 87 | 87 | | |
| 96/ 95 | | | | | | | | | .0 | | .0 | .2 | .4 | .1 | .5 | .2 | .2 | | 114 | 114 | | |
| 94/ 93 | | | | | | | | | | .0 | .1 | .2 | .4 | .2 | .1 | .1 | .2 | | 82 | 82 | | |
| 92/ 91 | | | | | | | | .0 | .2 | .1 | .2 | .7 | .2 | .5 | .3 | .2 | .0 | | 155 | 155 | | |
| 90/ 89 | | | | | | | | .1 | .1 | .2 | .3 | .6 | .3 | .4 | .2 | .2 | .1 | | 167 | 167 | 1 | |
| 88/ 87 | | | | | .0 | | .2 | .2 | .4 | .4 | .9 | .3 | .5 | .8 | .5 | .1 | .0 | | 338 | 338 | | |
| 86/ 85 | | | | | .0 | .1 | .1 | .4 | .4 | .5 | .7 | .5 | .5 | .4 | .1 | .1 | | | 245 | 245 | | |
| 84/ 83 | | | | | .1 | .1 | 1.2 | .7 | 1.0 | 1.4 | .9 | 1.2 | .8 | .3 | .0 | | | | 489 | 493 | | 1 |
| 82/ 81 | | | .0 | .1 | .2 | .9 | 2.0 | 2.1 | 2.1 | 1.3 | 1.9 | 1.2 | .4 | .2 | .0 | .1 | | | 813 | 813 | | |
| 80/ 79 | | | .1 | .1 | .5 | 1.5 | .8 | 1.1 | .5 | .7 | .5 | .1 | .1 | .0 | | | | | 401 | 401 | 5 | |
| 78/ 77 | .1 | .1 | .3 | .7 | 2.0 | 2.3 | 1.7 | 1.2 | 1.4 | .9 | .2 | .1 | .0 | | | | | | 721 | 723 | 18 | 6 |
| 76/ 75 | .2 | .1 | .2 | .2 | 1.2 | 1.2 | 1.1 | .5 | .5 | .3 | .1 | | | | | | | | 435 | 435 | 62 | 12 |
| 74/ 73 | .0 | .2 | .3 | 2.7 | 1.0 | 1.5 | 1.9 | .9 | .8 | .2 | .1 | .0 | | | | | | | 547 | 549 | 187 | 46 |
| 72/ 71 | .1 | .3 | .3 | 1.0 | 1.2 | .3 | 1.0 | .5 | .3 | .2 | .0 | | | | | | | | 418 | 418 | 393 | 63 |
| 70/ 69 | .1 | .5 | 1.3 | .7 | .9 | 1.1 | .6 | .4 | .1 | .1 | | | | | | | | | 421 | 422 | 792 | 114 |
| 68/ 67 | .1 | .3 | 1.1 | .5 | .3 | .5 | .4 | .4 | .2 | .0 | | | | | | | | | 276 | 277 | 999 | 262 |
| 66/ 65 | .2 | .3 | .3 | .4 | .6 | .6 | .6 | .2 | .1 | | | | | | | | | | 293 | 293 | 1033 | 435 |
| 64/ 63 | .1 | 1.1 | .5 | .5 | .4 | .5 | .2 | .0 | | | | | | | | | | | 216 | 217 | 846 | 852 |
| 62/ 61 | .0 | .5 | .4 | .2 | .3 | .0 | .0 | | | | | | | | | | | | 102 | 102 | 528 | 530 |
| 60/ 59 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 53 | 53 | 637 | 634 |
| 58/ 57 | .1 | .0 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | 14 | 14 | 334 | 415 |
| 56/ 55 | | .0 | .0 | .1 | .0 | | | | | | | | | | | | | | 9 | 9 | 178 | 498 |
| 54/ 53 | | .0 | .0 | .0 | .1 | | | | | | | | | | | | | | 12 | 12 | 133 | 401 |
| 52/ 51 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 52 | 356 |
| 50/ 49 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 15 | 352 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 15 | 315 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 | 520 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 173 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 173 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 132 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) 87-140 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41453 STATION | AL JUBAYL/JUBAYAH SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 75/ 95 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | .1 | | .3 | .3 | .1 | .1 | .1 | | | | | 8 | 8 | | |
| 86/ 85 | | | | | | | | .1 | | .4 | | | | | | | | 4 | 4 | | |
| 84/ 83 | | | | | .3 | .1 | 1.1 | .3 | .8 | .5 | .1 | | | | | | | 33 | 33 | | |
| 82/ 81 | | | | .1 | .4 | 1.3 | 2.1 | 2.3 | .9 | | | | | | | | | 59 | 59 | | |
| 80/ 79 | | | .3 | .4 | .3 | 2.1 | 1.3 | 1.3 | 1.3 | .1 | .3 | | | | | | | 57 | 57 | | |
| 78/ 77 | .4 | .3 | .7 | .3 | 3.3 | 4.3 | 3.7 | 2.1 | 1.4 | 1.3 | .3 | | | | | | | 144 | 144 | 4 | 3 |
| 76/ 75 | | .3 | .4 | 1.3 | 2.1 | 3.3 | 1.3 | .5 | .8 | .5 | .3 | | | | | | | 94 | 94 | 11 | 5 |
| 74/ 73 | | .4 | 2.3 | 3.3 | 1.7 | 2.3 | 3.3 | 1.3 | 1.4 | .3 | | | | | | | | 135 | 135 | 21 | 6 |
| 72/ 71 | | .4 | 1.1 | 2.3 | 1.1 | 1.1 | 2.5 | .4 | .3 | .1 | | | | | | | | 72 | 72 | 41 | 11 |
| 70/ 69 | | .5 | 3.1 | 1.3 | 1.3 | 2.3 | .3 | .5 | | | | | | | | | | 74 | 74 | 127 | 17 |
| 68/ 67 | | | 1.3 | .3 | 1.5 | .4 | .9 | .4 | | | | | | | | | | 40 | 41 | 138 | 39 |
| 66/ 65 | .1 | .5 | 1.3 | 1.5 | .3 | .3 | .5 | .4 | | | | | | | | | | 42 | 42 | 132 | 58 |
| 64/ 63 | | .5 | .4 | .5 | .3 | .5 | .1 | | | | | | | | | | | 20 | 20 | 82 | 140 |
| 62/ 61 | | .3 | .3 | .1 | .5 | | .3 | | | | | | | | | | | 9 | 9 | 93 | 95 |
| 60/ 59 | | .3 | | .3 | .1 | | | | | | | | | | | | | 5 | 5 | 88 | 87 |
| 58/ 57 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 48 | 54 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 20 | 53 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 12 | 42 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 31 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 42 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 9 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 10 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .5 | 3.5 | 11.2 | 12.8 | 13.3 | 18.3 | 16.7 | 10.5 | 5.7 | 3.3 | 1.5 | .3 | .3 | .1 | | | | | 797 | | 795 |
| | | | | | | | | | | | | | | | | | | 795 | | 795 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3381523 | 47213 | 60.3 | 15.531 | 795 | | | | | | | |
| Dry Bulb | 4439319 | 59113 | 74.2 | 5.395 | 797 | | | 80.5 | 59.4 | 12.5 | .2 | 97 |
| Wet Bulb | 3352722 | 51553 | 64.9 | 4.397 | 795 | | | 36.5 | 4.1 | | | 90 |
| Dew Point | 2772177 | 43535 | 58.7 | 7.376 | 795 | | | 9.2 | 1.6 | | | 33 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41415J — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 2 — 1300-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | .5 | 3.6 | 8.3 | 8.6 | 12.5 | 17.6 | 15.3 | 12.2 | 8.6 | 5.6 | 3.4 | 1.2 | .3 | .4 | .1 | .1 | 833 | 833 | 801 | 800 |
| | | | | | | | | | | | | | | | | | | 832 | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2263333 | 83715 | 53.3 | 15.572 | 833 | | | | | | | |
| Dry Bulb | 8318997 | 52567 | 79.2 | 5.515 | 833 | | | 58.2 | 79.2 | 33.3 | 1.0 | 92 |
| Wet Bulb | 3498551 | 52387 | 65.5 | 4.753 | 833 | | | 37.9 | 5.2 | | | 92 |
| Dew Point | 2559369 | 45717 | 57.1 | 8.184 | 833 | | .3 | 9.2 | 1.5 | | | 92 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41150 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-84 | APR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | .1 | | .3 | .1 | .1 | | .1 | 5 | 6 | | |
| 92/ 91 | | | | | | | | .1 | .3 | .1 | | .4 | | | | | | 7 | 7 | | |
| 90/ 89 | | | | | | | | .1 | .1 | .1 | .3 | .3 | | .1 | .1 | | | 12 | 13 | | |
| 88/ 87 | | | | | | | .3 | .3 | .4 | .5 | .4 | .5 | .4 | .1 | | | | 22 | 22 | | |
| 86/ 85 | | | | | .1 | .1 | .4 | 1.1 | .5 | .4 | .5 | .4 | .3 | .1 | | | | 32 | 32 | | |
| 84/ 83 | | | | | .1 | .4 | 1.9 | .5 | 1.5 | 1.3 | .6 | .9 | .3 | | | | | 59 | 59 | | |
| 82/ 81 | | | .1 | .3 | .4 | 1.3 | 3.4 | 3.3 | 4.2 | 1.5 | 2.2 | .5 | .5 | .1 | | | | 146 | 146 | | |
| 80/ 79 | | | | .3 | .5 | 1.9 | 1.3 | 2.4 | .3 | 1.5 | 1.3 | .1 | | .1 | | | | 74 | 74 | 1 | |
| 78/ 77 | .1 | | .5 | 1.2 | 2.3 | 3.4 | 3.2 | 3.2 | 3.1 | 1.9 | .3 | .3 | | | | | | 156 | 158 | 5 | 2 |
| 76/ 75 | | .1 | .3 | 1.3 | 1.8 | 1.9 | 2.3 | 1.4 | 1.3 | .6 | .1 | | | | | | | 83 | 84 | 11 | 3 |
| 74/ 73 | | .1 | .5 | 2.5 | 1.2 | 2.3 | 3.1 | 1.4 | .5 | .1 | | | | | | | | 94 | 94 | 37 | 8 |
| 72/ 71 | | .1 | .4 | .3 | .5 | .3 | 1.3 | .5 | .1 | .3 | | | | | | | | 34 | 34 | 56 | 12 |
| 70/ 69 | | | .2 | .5 | .5 | .5 | .6 | .3 | | .3 | | | | | | | | 32 | 32 | 111 | 20 |
| 68/ 67 | | | .4 | .5 | .4 | .1 | .5 | .1 | .1 | | | | | | | | | 18 | 19 | 115 | 37 |
| 66/ 65 | | .1 | .1 | .3 | .1 | .3 | .3 | .3 | | | | | | | | | | 11 | 11 | 136 | 58 |
| 64/ 63 | | | | | | .3 | | | | | | | | | | | | 2 | 2 | 104 | 107 |
| 62/ 61 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 103 | 73 |
| 60/ 59 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 68 | 75 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 32 | 49 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 21 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 3 | 49 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 33 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 39 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 60 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 12 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 8 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 9 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

40416 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | .1 | .5 | 1.3 | 3.3 | 4.5 | 7.9 | 9.3 | 9.6 | 11.5 | 11.8 | 12.7 | 3.4 | 5.7 | 4.5 | 3.8 | 3.2 | | 853 | | 853 | |
| | | | | | | | | | | | | | | | | | | | 853 | | 853 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1353465 | 31345 | 36.7 | 15.269 | 853 | | | | | | | |
| Dry Bulb | 5113727 | 71937 | 84.4 | 5.435 | 853 | | | 89.6 | 86.7 | 72.9 | 13.6 | 90 |
| Wet Bulb | 3713494 | 56112 | 65.8 | 4.764 | 853 | | | 40.3 | 5.6 | .2 | | 90 |
| Dew Point | 2473378 | 45218 | 53.0 | 9.559 | 853 | | 1.5 | 5.7 | .5 | .1 | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41453 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-83 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 106/105 | | | | | | | | | | .1 | | | | | | | .1 | | 2 | 2 | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 102/101 | | | | | | | | | | | | | | | | | .5 | | 5 | 5 | | |
| 100/ 99 | | | | | | | | | | | | | .1 | | .2 | .3 | 1.1 | | 22 | 22 | | |
| 98/ 97 | | | | | | | | | | .1 | .1 | .1 | | .2 | .1 | .5 | .5 | | 15 | 15 | | |
| 96/ 95 | | | | | | | | | .1 | | | .7 | .2 | .4 | .3 | .5 | .2 | | 32 | 32 | | |
| 94/ 93 | | | | | | | | | | | .4 | .1 | .7 | .5 | .4 | .7 | .2 | | 25 | 25 | | |
| 92/ 91 | | | | | | | | | .2 | .5 | .4 | 1.2 | .6 | 1.1 | .3 | .4 | | | 45 | 45 | | |
| 90/ 89 | | | | | | | | .2 | .4 | .3 | 1.1 | 1.8 | .2 | .7 | .5 | .2 | .2 | | 53 | 53 | 1 | |
| 88/ 87 | | | | | .1 | | .5 | .4 | .3 | .3 | 2.3 | 1.3 | 1.1 | 1.3 | 1.1 | .1 | | | 22 | 22 | | |
| 86/ 85 | | | | | | .2 | .1 | .7 | .8 | 1.4 | .9 | 1.3 | 1.3 | .8 | .5 | .1 | | | 73 | 73 | | |
| 84/ 83 | | | | | .1 | | 1.2 | 1.3 | 1.1 | 2.5 | 1.3 | 2.5 | 1.3 | .8 | | | | | 137 | 137 | | 1 |
| 82/ 81 | | | | | | .8 | 2.9 | 3.8 | 3.0 | 3.3 | 3.5 | 3.3 | 1.9 | .4 | | .2 | | | 194 | 194 | | |
| 80/ 79 | | | .2 | | 1.1 | 1.5 | .5 | 1.3 | .8 | .3 | 1.1 | .2 | .1 | | | | | | 67 | 67 | 3 | |
| 78/ 77 | | | | .2 | 1.2 | .3 | 1.3 | .4 | 1.2 | .3 | .1 | .1 | .2 | | | | | | 54 | 54 | 4 | 1 |
| 76/ 75 | | | | .1 | .5 | .4 | .5 | .1 | .5 | .2 | | | | | | | | | 22 | 22 | 13 | 2 |
| 74/ 73 | | | | .7 | | .4 | .1 | .2 | .2 | | | | | | | | | | 23 | 23 | 42 | 2 |
| 72/ 71 | | | | .2 | .1 | .1 | | | .2 | .1 | .1 | | | | | | | | 3 | 3 | 71 | 6 |
| 70/ 69 | | | .1 | .2 | .4 | .1 | .4 | .2 | | | | | | | | | | | 12 | 12 | 134 | 15 |
| 68/ 67 | | | .1 | .1 | .1 | | | .2 | | | | | | | | | | | 5 | 5 | 114 | 20 |
| 66/ 65 | | .1 | | | | | .1 | | | | | | | | | | | | 2 | 2 | 131 | 38 |
| 64/ 63 | | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 113 | 87 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 104 | 46 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 91 | 70 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 15 | 47 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 | 61 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 8 | 53 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 47 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 45 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 59 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 108 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 36 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 33 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 27 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 2 — HOURS (L. S. T.) 1277-1477

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .2 | .2 | .5 | 2.3 | 2.5 | 5.5 | 5.2 | 7.7 | 9.3 | 12.1 | 13.5 | 12.1 | 11.3 | 7.3 | 5.1 | 5.8 | | 844 | 844 | 844 | 844 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1332586 | 272[illegible] | 32.3 | 13.316 | 844 | | | | | | | |
| Dry Bulb | 6393353 | 73335 | 86.7 | 6.516 | 846 | | | 89.9 | 88.6 | 80.3 | 17.7 | 9[illegible] |
| Wet Bulb | 3573979 | 55565 | 65.8 | 9.855 | 844 | | | 80.1 | 5.5 | | | 9[illegible] |
| Dew Point | 2337352 | 43913 | 51.9 | 9.978 | 844 | | 1.9 | 3.5 | .3 | | | 9[illegible] |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

404153 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH



1200-14 HOURS (L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew P |
| 136/135 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 134/133 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 132/131 | | | | | | | | | | | | | | | .1 | | .5 | 8 | 8 | | |
| 130/ 99 | | | | | | | | | | | | | .2 | .5 | .6 | .9 | 2.1 | 37 | 37 | | |
| 98/ 97 | | | | | | | | | | | .1 | | .2 | .9 | .5 | .7 | .5 | 25 | 25 | | |
| 96/ 95 | | | | | | | | | .1 | | .1 | .8 | 2.1 | .8 | 1.8 | .7 | 1.1 | 53 | 53 | | |
| 94/ 93 | | | | | | | | | | .1 | .2 | .5 | 1.4 | .6 | .2 | .4 | .5 | 34 | 34 | | |
| 92/ 91 | | | | | | | | .1 | .2 | .1 | .5 | 2.1 | .3 | 2.3 | 1.2 | .9 | .1 | 71 | 72 | | |
| 90/ 89 | | | | | | | | | .2 | .2 | .3 | 1.4 | .7 | 1.4 | .8 | .9 | .4 | 59 | 59 | | |
| 88/ 87 | | | | | | | .2 | .7 | .7 | .5 | 1.3 | 2.3 | 1.3 | 2.6 | 1.3 | .8 | .1 | 101 | 101 | | |
| 86/ 85 | | | | | | .1 | .4 | .4 | .5 | .9 | 1.5 | .8 | 2.1 | 1.4 | .4 | | | 72 | 72 | | |
| 84/ 83 | | | | | .1 | | 1.9 | .3 | 2.5 | 3.2 | 3.1 | 3.1 | 2.4 | .6 | | | | 189 | 153 | | |
| 82/ 81 | | | | | | .4 | 1.9 | 1.3 | 1.7 | 1.7 | 2.7 | 2.3 | .7 | .6 | .1 | .2 | | 114 | 114 | | |
| 80/ 79 | | | | | .7 | 1.2 | .1 | .2 | .5 | .7 | .2 | .1 | | | | | | 33 | 33 | 1 | |
| 78/ 77 | | | | .1 | .1 | .5 | .6 | .4 | .2 | 1.1 | .4 | | | | | | | 29 | 29 | 3 | |
| 76/ 75 | | | | .1 | .4 | .1 | .1 | .4 | .4 | .2 | | | | | | | | 14 | 14 | 9 | |
| 74/ 73 | | | | .4 | .4 | | .4 | .1 | .4 | | .5 | | | | | | | 17 | 17 | 39 | |
| 72/ 71 | | | .1 | | .2 | .2 | | .1 | .2 | .1 | | | | | | | | 9 | 9 | 84 | |
| 70/ 69 | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 116 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 124 | |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 144 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 113 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 116 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 63 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 22 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AWS 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

403153 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

PAGE 2 | 0000-11 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | |
| ≥ 31 | | | | | | | | | | | | | | | | | | | | |
| 29/30 | | | | | | | | | | | | | | | | | | | | |
| 27/28 | | | | | | | | | | | | | | | | | | | | |
| 25/26 | | | | | | | | | | | | | | | | | | | | |
| 23/24 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | .4 | 1.1 | 2.3 | 4.1 | 5.1 | 7.6 | 9.2 | 14.3 | 11.4 | 13.7 | 11.9 | 6.9 | 5.6 | 3.9 | .7 | 2.1 | 827 | 827 | 827 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 1423388 | 31896 | 38.6 | 15.281 | 827 | | | | | | | |
| Dry Bulb | 5557455 | 59282 | 32.5 | 5.194 | 827 | | | 89.7 | 88.9 | 54.7 | 5.1 | |
| Wet Bulb | 3513352 | 53812 | 65.1 | 4.518 | 827 | | | 35.6 | 3.4 | | | |
| Dew Point | 2381273 | 43735 | 52.9 | 9.133 | 827 | | 1.3 | 8.7 | .1 | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

40416 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 AP
STATION STATION NAME YEARS MONTH

PAGE 1 1977-
HOURS (L.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb De |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 100/ 99 | | | | | | | | | | | | | .1 | | | .1 | .1 | | 5 | 5 | |
| 98/ 97 | | | | | | | | | | | | | | | .1 | .4 | .2 | | 6 | 6 | |
| 96/ 95 | | | | | | | | | | | | .2 | .2 | | 1.2 | .1 | .6 | | 23 | 23 | |
| 94/ 93 | | | | | | | | | | | .1 | .6 | .5 | .2 | .1 | | .4 | | 16 | 16 | |
| 92/ 91 | | | | | | | | | .6 | .1 | .9 | 1.6 | .4 | 1.3 | .4 | | .2 | | 41 | 41 | |
| 90/ 89 | | | | | | | | .1 | .1 | .2 | .6 | 1.1 | 1.7 | 1.3 | .2 | .1 | .2 | | 44 | 44 | |
| 88/ 87 | | | | | | | .1 | .4 | .7 | 1.3 | 2.1 | 1.1 | 1.2 | 1.2 | 1.7 | | | | 73 | 73 | |
| 86/ 85 | | | | | | | .2 | .6 | 1.1 | .7 | 1.3 | 1.1 | .6 | .8 | | | | | 57 | 57 | |
| 84/ 83 | | | | | .1 | .2 | .8 | 1.2 | 1.7 | 2.3 | 1.9 | 2.3 | 1.6 | 1.3 | .1 | | | | 113 | 113 | |
| 82/ 81 | | | | | .1 | 1.1 | 2.1 | 2.9 | 4.2 | 3.6 | 4.1 | 3.3 | .6 | .2 | | | | | 121 | 121 | |
| 80/ 79 | | | .1 | | .6 | 1.3 | .6 | 1.2 | 1.6 | 1.3 | 1.6 | .6 | .1 | .1 | | | | | 76 | 76 | |
| 78/ 77 | | | .1 | .4 | 1.6 | .3 | 1.9 | 1.7 | 2.7 | .7 | .6 | .2 | | | | | | | 68 | 68 | 1 |
| 76/ 75 | | | | .6 | .4 | .2 | .6 | .2 | .1 | .4 | .2 | | | | | | | | 22 | 22 | 10 |
| 74/ 73 | | | .1 | 1.2 | .1 | .5 | .6 | .4 | .7 | .1 | .1 | .1 | | | | | | | 33 | 33 | 21 |
| 72/ 71 | | .4 | .4 | | .7 | .2 | .2 | .1 | .4 | | | | | | | | | | 20 | 20 | 63 |
| 70/ 69 | | | .2 | | .2 | .1 | .1 | .4 | .1 | .5 | | | | | | | | | 14 | 14 | 134 |
| 68/ 67 | | | | .2 | .1 | | .1 | .1 | .1 | | | | | | | | | | 5 | 5 | 129 |
| 66/ 65 | | | .1 | | .2 | | .1 | | .2 | | | | | | | | | | 6 | 6 | 139 |
| 64/ 63 | | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 119 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 117 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 72 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 25 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 15 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 7 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 6 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Tot |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMA

41016J — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PAGE 2 367 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bull |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 72 / 31 | | | | | | | | | | | | | | | | | | | | |
| 108 | .4 | 1.5 | 3.5 | 5.5 | 7.2 | 10.2 | 11.3 | 12.5 | 12.1 | 10.3 | 6.5 | 3.3 | 2.1 | 2.3 | 1.3 | .7 | .2 | | 334 | |
| | | | | | | | | | | | | | | | | | | 372 | | 33 |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 2231229 | 43235 | 48.4 | 17.553 | 932 | | | | | | |
| Dry Bulb | 5703165 | 63783 | 92.5 | 5.233 | 334 | | | 92.2 | 38.2 | 5.5 | .2 |
| Wet Bulb | 3338251 | 56727 | 58.2 | 4.969 | 932 | | | 67.5 | 18.1 | .6 | |
| Dew Point | 2322248 | 42323 | 59.3 | 9.387 | 932 | | .1 | 18.1 | 4.5 | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1
HOURS (L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew |
| 113/109 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 108/107 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 105/103 | | | | | | | | | | | | | | | | .2 | 1.7 | 17 | 17 | | |
| 104/103 | | | | | | | | | | | | | | | .1 | .3 | .7 | 13 | 13 | | |
| 102/101 | | | | | | | | | | | | | | .5 | .5 | 1.3 | 2.5 | 41 | 41 | | |
| 100/ 99 | | | | | | | .2 | .1 | .1 | | .2 | .5 | .7 | 1.5 | 1.4 | 3.5 | 4.7 | 123 | 123 | | |
| 98/ 97 | | | | | | | | .2 | | .1 | .3 | .7 | .5 | 2.4 | 1.6 | 2.2 | 1.4 | 86 | 86 | | |
| 96/ 95 | | | | | | | .2 | .1 | .2 | .3 | .7 | 2.4 | 2.5 | 1.1 | 4.7 | 1.5 | 1.4 | 136 | 136 | | |
| 94/ 93 | | | | | | | .2 | | .2 | 1.5 | 1.1 | 1.4 | 2.4 | 1.5 | 1.3 | .5 | .1 | 91 | 91 | | |
| 92/ 91 | | | | | | | | .7 | 1.3 | .9 | 1.5 | 4.1 | .5 | 2.5 | .8 | .3 | | 111 | 111 | | |
| 90/ 89 | | | | | .1 | .1 | | .5 | .5 | .8 | .8 | 1.8 | 1.3 | 1.3 | 1.3 | | | 69 | 69 | 2 | |
| 88/ 87 | | | | | | .2 | 1.3 | .7 | 1.5 | 1.3 | 1.7 | .3 | .3 | .2 | .5 | | | 73 | 73 | | |
| 86/ 85 | | | | | .1 | .5 | .1 | .9 | .6 | 1.1 | .3 | .7 | .1 | .3 | | | | 46 | 46 | 1 | |
| 84/ 83 | | | | .2 | | .3 | .9 | .5 | .7 | .5 | .1 | .2 | .1 | .1 | | | | 34 | 34 | 5 | |
| 82/ 81 | | | .1 | .5 | .1 | .1 | .3 | .3 | .3 | | .3 | .1 | .1 | | | | | 25 | 25 | 5 | |
| 80/ 79 | | | | | | .3 | .1 | .5 | | | .2 | | | | | | | 12 | 12 | 3 | |
| 78/ 77 | | | .1 | | | | | | | .1 | | | | | | | | 2 | 2 | 35 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 79 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 93 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 139 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 193 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 142 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 105 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 50 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 17 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 5 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Tota |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41252 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 2
0001-11 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 27 | | | | | | | | | | | | | | | | | | | | |
| TOTA | | | .2 | .7 | .3 | 1.7 | 3.9 | 4.7 | 5.2 | 6.6 | 3.7 | 12.3 | 8.9 | 11.3 | 11.7 | 10.9 | 12.9 | 878 | 878 | 8 |
| | | | | | | | | | | | | | | | | | | 878 | 878 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 277548 | 25913 | 30.5 | 13.464 | 878 | | | | | | | |
| Dry Bulb | 7574432 | 81933 | 93.3 | 5.755 | 878 | | | 93.1 | 33.1 | 92.2 | 53.9 | |
| Wet Bulb | 4315541 | 61437 | 70.0 | 9.335 | 878 | | | 73.8 | 23.8 | 1.6 | | |
| Dew Point | 2798183 | 48345 | 55.6 | 9.622 | 878 | | .3 | 11.7 | 2.9 | .5 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41151 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 4A
STATION STATION NAME YEARS MONTH

PAGE 1 1200-
HOURS (L. S

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew |
| 114/113 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 112/111 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 110/109 | | | | | | | | | | | | | | | | | .2 | 8 | 8 | | |
| 108/107 | | | | | | | | | | | | | | | | | 2.3 | 23 | 23 | | |
| 106/105 | | | | | | | | .1 | | | | | | | .3 | .5 | 5.9 | 60 | 60 | | |
| 104/103 | | | | | | | | .1 | | | | | | .1 | .3 | .3 | 3.2 | 47 | 47 | | |
| 102/101 | | | | | | .3 | | .1 | | .1 | .1 | .2 | .1 | .3 | 1.5 | .9 | 5.5 | 85 | 66 | | |
| 100/ 99 | | | | | | | | .2 | | .1 | .7 | 1.4 | 1.5 | 2.5 | 2.5 | 5.1 | 3.6 | 138 | 199 | | |
| 98/ 97 | | | | | | | | | | .3 | 1.2 | .3 | 1.3 | 1.3 | 1.5 | 2.5 | 1.6 | 89 | 89 | | |
| 96/ 95 | | | | | | | | .1 | .3 | .2 | .6 | 2.1 | 2.1 | 1.3 | 2.5 | 2.2 | 2.2 | 122 | 122 | | |
| 94/ 93 | | | | | | | .2 | .2 | .1 | .5 | .7 | .5 | 1.5 | .2 | .8 | .5 | .1 | 49 | 49 | 1 | |
| 92/ 91 | | | | | | | .1 | .2 | .2 | .5 | 1.3 | 1.3 | .3 | 1.1 | .8 | .5 | .3 | 73 | 73 | 4 | |
| 90/ 89 | | | | | | | .2 | .5 | .7 | .3 | 1.1 | 1.3 | .2 | .2 | .1 | | | 43 | 43 | | |
| 88/ 87 | | | | | | .1 | .3 | .3 | .8 | .2 | .7 | .5 | .6 | | | | | 35 | 35 | 1 | |
| 86/ 85 | | | | | | .1 | .3 | .3 | .3 | .3 | | .1 | .3 | .2 | | | | 19 | 19 | 2 | |
| 84/ 83 | | | | | | | .2 | .6 | .2 | .3 | .1 | .1 | .3 | | | | | 17 | 17 | 3 | |
| 82/ 81 | | | | | .1 | .1 | .1 | .1 | .1 | | | .1 | | | | | | 5 | 5 | 5 | |
| 80/ 79 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 22 | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 43 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 73 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 116 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 152 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 176 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 134 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 84 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 42 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 11 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 7 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Tot |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41416 — STATION
AL JUBAYL/JUBAYYAH SAUDI ARABIA — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 2

1200-14 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 47/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | |
| TOTA | | | | | .1 | .7 | 1.6 | 3.6 | 3.5 | 4.2 | 5.3 | 3.3 | 3.3 | 7.3 | 12.5 | 13.1 | 31.7 | 876 | 379 | 876 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 723543 | 22717 | 25.9 | 12.255 | 876 | | | | | | | |
| Dry Bulb | 3313389 | 85277 | 97.1 | 5.933 | 378 | | | 93.3 | 93.3 | 93.3 | 72.5 | |
| Wet Bulb | 8395999 | 61351 | 72.6 | 4.521 | 876 | | | 77.7 | 28.7 | 2.8 | .1 | |
| Dew Point | 2562833 | 47335 | 59.1 | 13.356 | 876 | | 1.2 | 12.9 | 2.8 | .8 | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41415 STATION | AL JUBAYL/JAHARAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAY MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Pt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 118/117 | | | | | | | | | | | | | | | | | .1 | 2 | 2 | | |
| 114/113 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 112/111 | | | | | | | | | | | | | .1 | | | | .1 | 2 | 2 | | |
| 110/109 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 108/107 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 106/105 | | | | | | | | | | | | | | | | | 1.2 | 11 | 11 | | |
| 104/103 | | | | | | .1 | | | | .1 | | | | .1 | .2 | .5 | 2.0 | 27 | 27 | | |
| 102/101 | | | | | | | .2 | | .1 | | | .3 | .1 | .7 | .7 | .3 | 4.3 | 61 | 61 | | |
| 100/ 99 | | | | | .1 | .1 | | | .1 | .1 | .3 | .3 | 1.3 | 2.3 | 2.5 | 4.3 | 4.3 | 142 | 142 | | |
| 98/ 97 | | | | | | | | | | .5 | .3 | 1.2 | .3 | .3 | 1.4 | 2.3 | 1.4 | 75 | 75 | | |
| 96/ 95 | | | | | .1 | | | | .9 | .9 | 2.1 | 2.9 | 2.7 | 1.5 | 3.5 | 2.4 | .8 | 155 | 155 | | |
| 94/ 93 | | | | | .1 | .1 | .5 | .3 | .2 | .7 | .2 | .9 | 1.3 | 1.7 | 1.2 | .7 | .1 | 75 | 75 | 1 | |
| 92/ 91 | | | | | | .1 | .2 | .9 | .7 | .9 | 1.4 | 2.9 | .3 | 2.7 | 1.2 | .1 | .2 | 100 | 100 | 1 | |
| 90/ 89 | | | | | .1 | | .3 | .5 | .2 | .3 | .7 | 1.3 | 1.3 | .9 | .7 | .1 | | 56 | 56 | 5 | |
| 88/ 87 | | | | | | | .7 | .9 | 1.0 | .3 | 1.5 | 1.0 | 1.0 | .3 | .2 | | | 53 | 53 | 3 | |
| 86/ 85 | | | | | .1 | | .5 | .3 | .7 | .2 | .7 | .7 | .3 | | | | | 35 | 36 | 2 | |
| 84/ 83 | | | | | | .3 | .3 | .3 | .5 | .1 | .2 | .2 | .1 | .1 | | | | 24 | 24 | 3 | |
| 82/ 81 | | | | | | .2 | .7 | | .5 | .7 | | .2 | .1 | | | | | 22 | 22 | 2 | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 24 | |
| 78/ 77 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 32 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 76 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 93 | 1 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 133 | 1 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 164 | 2 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 130 | 2 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 115 | 4 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 48 | 8 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 5 | 3 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 7 | 6 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 5 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 7 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS (OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAY MONTH

PAGE 7 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 47 / 47 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 42 / 43 | | | | | | | | | | | | | | | | | | | | | | 42 |
| 42 / 43 | | | | | | | | | | | | | | | | | | | | | | 34 |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | | 33 |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 37 / 37 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 35 / 35 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 30 / 27 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | | | | .6 | 1.3 | 4.3 | 4.3 | 5.1 | 5.6 | 7.7 | 11.3 | 9.9 | 11.3 | 11.9 | 11.5 | 15.3 | | 859 | 859 | 859 | 859 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 334249 | 25372 | 29.5 | 12.393 | 859 | | | | | | | |
| Dry Bulb | 7597125 | 81159 | 94.5 | 5.333 | 859 | | | 23.3 | 23.3 | 22.9 | 6.3 | 23 |
| Wet Bulb | 4232493 | 62523 | 72.8 | 4.365 | 859 | | | 13.8 | 27.5 | 3.1 | .1 | 23 |
| Dew Point | 2753392 | 47919 | 55.8 | 12.123 | 859 | | .5 | 12.3 | 4.8 | 1.2 | | 23 |

USAFETAC FORM AWS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

403157 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAY MONTH

PAGE 1 1600-2000 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122/131 | | | | | | | .1 | | | | | .1 | | | | .1 | .1 | 4 | 4 | | |
| 112/ 99 | | | | | | | | | | | .1 | | .1 | | | .5 | .5 | 11 | 11 | | |
| 99/ 97 | | | | | | .1 | | | | .1 | | .1 | .5 | .7 | .5 | .5 | .1 | 22 | 22 | | |
| 96/ 95 | | | | | | | .1 | | .7 | .1 | .5 | 1.3 | 1.3 | 1.2 | 1.7 | .6 | .1 | 55 | 55 | | |
| 94/ 93 | | | | | | | | .5 | .1 | .5 | 1.1 | .7 | 2.3 | .8 | .7 | .1 | | 57 | 57 | | |
| 92/ 91 | | | | | .2 | .1 | | 1.2 | .7 | 2.4 | 2.2 | 2.7 | .8 | 1.7 | .6 | | | 105 | 105 | | |
| 90/ 89 | | | | | .1 | .2 | .4 | 1.9 | 1.2 | 1.1 | 2.3 | 2.1 | 1.1 | 1.3 | .2 | .1 | | 96 | 96 | 2 | |
| 88/ 87 | | | .1 | .2 | .1 | 1.2 | 1.7 | 1.3 | 2.5 | 1.3 | 2.4 | 2.8 | 1.4 | | .1 | | | 127 | 127 | | 2 |
| 86/ 85 | | | | .2 | .6 | 1.3 | 1.2 | 1.1 | 1.2 | 1.1 | 1.6 | .5 | .5 | | | .1 | | 73 | 73 | 1 | |
| 84/ 83 | | | .1 | .2 | .7 | .8 | 2.2 | 2.7 | 2.3 | 2.5 | 1.4 | .4 | | | | | | 113 | 113 | 5 | |
| 82/ 81 | | | .1 | .5 | 1.2 | 1.6 | 2.4 | 2.5 | 1.8 | .8 | .6 | .4 | | | | | | 99 | 99 | 5 | 6 |
| 80/ 79 | | .1 | .1 | .1 | .7 | 1.1 | .7 | .5 | .4 | | .1 | | | | | | | 32 | 32 | 27 | 2 |
| 78/ 77 | | | | .2 | .5 | .5 | 1.2 | .4 | .1 | | .1 | | | | | | | 23 | 23 | 35 | 7 |
| 76/ 75 | | | | | | .1 | | .2 | .1 | | | | | | | | | 4 | 4 | 62 | 22 |
| 74/ 73 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | 113 | 29 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 136 | 31 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 148 | 36 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 143 | 55 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 101 | 55 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 44 | 113 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 13 | 57 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 4 | 91 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 41 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 5 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 32 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 46 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 20 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 32 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 9 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SER [illegible]/MAC

# PSYCHROMETRIC SUMMARY

[illegible] [illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | 1 | 2 | 7 | 2 | 5 | 12 | 12 | 13 | 11 | 12 | 13 | 7 | 3 | 5 | 3 | 2 | 3 | | | 8 |
| | | | | | | | | | | | | | | | | | | 838 | 838 | 838 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1563797 | 35318 | 42.1 | 14.725 | 838 | | | | | | | |
| Dry Bulb | 5871875 | 73557 | 87.7 | 5.193 | 839 | | | 93.2 | 93.2 | 37.2 | 17.6 | 92 |
| Wet Bulb | 3155287 | 53967 | 73.4 | 9.525 | 838 | | | 74.9 | 27.8 | 2.1 | | 93 |
| Dew Point | 3111955 | 51561 | 67.3 | 9.561 | 838 | | .1 | 21.2 | 7.7 | 1.7 | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | A[illegible] STATION NAME | 75-83 YEARS | MAY MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 98/ 95 | | | | | | | | | | | .1 | | .1 | .1 | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | .1 | | | .1 | .1 | .1 | .2 | .4 | | | | 9 | 9 | | |
| 92/ 91 | | | | | | | .1 | | .3 | .7 | 1.2 | 1.3 | .5 | .5 | .5 | .5 | | 44 | 44 | | |
| 90/ 89 | | | | | | | .1 | 1.1 | .2 | .6 | 1.2 | .7 | .2 | .4 | .2 | .1 | | 41 | 41 | | |
| 88/ 87 | | | | .1 | .4 | .8 | 2.5 | .2 | 1.6 | 1.5 | 1.5 | .7 | .7 | .2 | .5 | | | 96 | 96 | | |
| 86/ 85 | | | .1 | | .2 | 1.3 | 1.3 | 1.2 | 1.7 | 1.3 | 1.7 | .2 | .7 | .1 | | | | 85 | 85 | | |
| 84/ 83 | | | .6 | .7 | 2.2 | 1.2 | 2.6 | 2.2 | 3.3 | 1.3 | .2 | 1.3 | .1 | | | | | 143 | 143 | | |
| 82/ 81 | | | .5 | 2.2 | 3.7 | 2.1 | 5.5 | 3.7 | 2.9 | 1.5 | 1.5 | .5 | .2 | | | | | 190 | 191 | 4 | 1 |
| 80/ 79 | | .1 | .5 | .3 | 1.3 | 1.2 | .9 | .5 | .7 | .7 | .5 | | | | | | | 58 | 58 | 16 | 6 |
| 78/ 77 | .2 | .1 | .2 | 2.3 | 2.4 | 1.7 | 1.5 | .2 | .6 | .2 | | | | | | | | 81 | 81 | 38 | 15 |
| 76/ 75 | | .1 | | 1.2 | .2 | 1.2 | .5 | .4 | | .1 | | | | | | | | 31 | 31 | 82 | 20 |
| 74/ 73 | | .1 | .1 | 1.3 | .2 | .3 | .2 | .4 | | | | | | | | | | 21 | 21 | 76 | 41 |
| 72/ 71 | | | | .2 | .4 | .1 | .2 | | | | | | | | | | | 8 | 8 | 125 | 41 |
| 70/ 69 | | | | | .3 | | .1 | | | | | | | | | | | 5 | 5 | 149 | 53 |
| 68/ 67 | | | | | .1 | | .1 | | | | | | | | | | | 2 | 2 | 114 | 55 |
| 66/ 65 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 89 | 67 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 62 | 126 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 44 | 79 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 15 | 71 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | 37 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 46 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 36 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 23 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 30 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 28 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM AK 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | AL JUBAYL/JUBAYRAH SAUDI ARABIA STATION NAME | 75-84 YEARS | MAY MONTH

PAGE [illegible] | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | .2 | .5 | 2.7 | 3.4 | 11.1 | 9.5 | 15.9 | 11.4 | 11.5 | 8.5 | 3.8 | 4.3 | 2.9 | 2.4 | 1.2 | .5 | | 317 | 313 | 317 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2563533 | 81364 | 51.2 | 15.545 | 317 | | | | | | | |
| Dry Bulb | 5553331 | 97365 | 83.3 | 9.923 | 313 | | | 92.9 | 91.1 | 72.3 | 1.5 | 93 |
| Wet Bulb | 3273148 | 56853 | 67.5 | 9.737 | 317 | | | 53.9 | 24.5 | 1.3 | | 93 |
| Dew Point | 3159577 | 57325 | 61.7 | 9.551 | 317 | | | 26.8 | 9.4 | .3 | | 53 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | MAY MONTH

PART I HOURS (L.S.T.) ALL

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 119/117 | | | | | | | | | | | | | | | | | .0 | 2 | | | |
| 117/115 | | | | | | | | | | | | | | | | | .1 | 4 | 4 | | |
| 115/111 | | | | | | | | | | | | | .0 | | | | .0 | 3 | 3 | | |
| 113/109 | | | | | | | | | | | | | | | | | .0 | 12 | 12 | | |
| 109/107 | | | | | | | | | | | | | | | | | .4 | 27 | 27 | | |
| 105/103 | | | | | | | | .2 | | | | | | | | .2 | .1 | 1.2 | 35 | 89 | |
| 103/101 | | | | | | .0 | | .3 | | .3 | | | | .0 | .1 | .2 | .3 | 84 | 84 | | |
| 101/ 99 | | | | | | .0 | .0 | .3 | .0 | .0 | .2 | .3 | .5 | .8 | .9 | 1.9 | 2.4 | 476 | 477 | | |
| 99/ 97 | | | | | | .0 | | .1 | | .1 | .2 | .4 | .4 | .6 | .7 | 1.1 | .6 | 273 | 273 | | |
| 97/ 95 | | | | | .0 | | .0 | .0 | .3 | .3 | .6 | 1.1 | 1.2 | .6 | 1.7 | .9 | .6 | 493 | 493 | | |
| 95/ 93 | | | | | .0 | .0 | .1 | .1 | .1 | .4 | .5 | .6 | 1.2 | .6 | .6 | .3 | .1 | 334 | 334 | 2 | |
| 93/ 91 | | | | | .0 | .0 | .1 | .4 | .6 | .7 | 1.1 | 1.8 | .4 | 1.2 | .6 | .2 | .1 | 484 | 484 | 6 | |
| 91/ 89 | | | | | .0 | .1 | .1 | .7 | .4 | .7 | 1.2 | 1.1 | .6 | .6 | .2 | .1 | | 375 | 375 | 7 | 4 |
| 89/ 87 | | | .0 | .0 | .1 | .3 | .2 | .7 | 1.6 | 1.3 | 1.6 | .8 | .7 | .4 | .3 | | | 557 | 557 | 4 | 5 |
| 87/ 85 | | | .0 | .1 | .3 | .7 | .8 | .9 | 1.2 | .8 | .7 | .5 | .3 | .1 | .2 | .2 | | 427 | 427 | 5 | 4 |
| 85/ 83 | | | .1 | .3 | .7 | .6 | 1.6 | 1.6 | 1.6 | 1.2 | .6 | .6 | .2 | .1 | | | | 506 | 507 | 16 | 7 |
| 83/ 81 | | | .3 | .3 | 1.2 | 1.2 | 2.4 | 2.2 | 1.3 | 1.3 | .7 | .6 | .2 | .2 | | | | 527 | 532 | 31 | 14 |
| 81/ 79 | | .1 | .3 | .7 | .6 | 1.2 | .6 | .7 | .4 | .4 | .2 | .1 | | | | | | 353 | 352 | 112 | 49 |
| 79/ 77 | .1 | .3 | .6 | .3 | 1.2 | 1.3 | 1.3 | .7 | .6 | .3 | .1 | .1 | | | | | | 433 | 433 | 257 | 111 |
| 77/ 75 | | .2 | .3 | .6 | .4 | .7 | .4 | .3 | .2 | .1 | | | | | | | | 211 | 210 | 520 | 117 |
| 75/ 73 | .1 | .3 | .3 | .3 | .3 | .5 | .3 | .4 | .1 | .2 | .2 | | | | | | | 211 | 213 | 727 | 142 |
| 73/ 71 | | .1 | .2 | .5 | .3 | .2 | .4 | .1 | .0 | | | | | | | | | 115 | 115 | 991 | 272 |
| 71/ 69 | .2 | | .3 | .2 | .3 | .3 | .1 | .1 | .2 | .2 | | | | | | | | 54 | 54 | 1244 | 297 |
| 69/ 67 | | .2 | .2 | .1 | .1 | .2 | .2 | .2 | | | | | | | | | | 32 | 32 | 1303 | 362 |
| 67/ 65 | | .1 | | .1 | .1 | .2 | .1 | .2 | | | | | | | | | | 24 | 24 | 813 | 426 |
| 65/ 63 | | .2 | .2 | .2 | .2 | | .2 | | | | | | | | | | | 9 | 9 | 492 | 445 |
| 63/ 61 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 283 | 485 |
| 61/ 59 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 175 | 609 |
| 59/ 57 | | | | | | | | | | | | | | | | | | | | 52 | 407 |
| 57/ 55 | | | | | | | | | | | | | | | | | | | | 15 | 421 |
| 55/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 353 |
| 53/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 299 |
| 51/ 49 | | | | | | | | | | | | | | | | | | | | | 379 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | APR MONTH

[illegible] | ALL HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥[illegible]/ 47 | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible]/ 45 | | | | | | | | | | | | | | | | | | | | 42 |
| [illegible]/ 43 | | | | | | | | | | | | | | | | | | | | 14 |
| [illegible]/ 41 | | | | | | | | | | | | | | | | | | | | 11 |
| [illegible]/ 39 | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible]/ 37 | | | | | | | | | | | | | | | | | | | | 13 |
| [illegible]/ 35 | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible]/ 33 | | | | | | | | | | | | | | | | | | | | 25 |
| [illegible]/ 31 | | | | | | | | | | | | | | | | | | | | 41 |
| [illegible]/ 29 | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible]/ 27 | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible]/ 25 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 1.1 | 2.6 | 5.1 | 5.8 | 6.2 | 8.9 | 9.3 | 9.5 | 7.3 | 7.4 | 7.7 | 6.7 | 6.4 | 6.2 | 6.7 | 5.0 | 5726 | 5736 | 5726 |
| | | | | | | | | | | | | | | | | | | 5726 | 5726 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 1[illegible]53332 | 235252 | 42.4 | 13.528 | 5725 | | | | | | | |
| Dry Bulb | 51[illegible]5 | 535722 | 87.1 | 8.854 | 5735 | | | 739.7 | 714.2 | 593.9 | 216.4 | 744 |
| Wet Bulb | 32511745 | 455451 | 59.4 | 9.935 | 5725 | | | 542.5 | 188.4 | 12.1 | .2 | 744 |
| Dew Point | 23[illegible]2333 | 323883 | 58.5 | 9.529 | 5725 | | 2.5 | 187.3 | 44.3 | 4.3 | | 744 |

USAFETAC FORM 0-26-5 (OL-A) [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | [illegible] MONTH

PAGE 1 0000-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | | | | .1 | .4 | .4 | 7 | 7 | | |
| [illegible] | | | | | | | .1 | | .3 | | | | .3 | .4 | .9 | .1 | | 15 | 15 | | |
| [illegible] | | | | | | | | | .3 | | | 1.7 | 1.3 | .5 | 1.3 | .4 | | 43 | 43 | | |
| [illegible] | | | | | .2 | | | | | .1 | 1.0 | 1.0 | 1.4 | .5 | .6 | .1 | | 40 | 40 | | |
| [illegible] | | | .3 | | | .1 | | | .1 | 1.3 | 1.7 | 3.2 | .8 | .9 | .1 | | | 83 | 83 | | |
| [illegible] | | | | | .1 | .2 | | | .9 | 1.3 | 1.7 | 2.1 | .8 | .1 | .1 | | | 59 | 59 | | |
| [illegible] | | | | .3 | .1 | .1 | .6 | 1.0 | .4 | .9 | 1.5 | .5 | 1.4 | .6 | .3 | .1 | | 65 | 65 | 2 | |
| [illegible] | | | | .3 | .2 | .3 | .4 | .6 | .9 | 1.2 | 1.2 | 1.0 | .4 | .5 | .1 | | | 58 | 58 | 5 | 2 |
| [illegible] | | | .2 | 1.2 | 1.9 | .9 | 2.2 | 1.9 | 2.7 | 2.2 | 1.7 | .2 | .6 | .1 | | | | 125 | 125 | 3 | 2 |
| [illegible] | | .1 | 1.9 | 2.6 | 2.8 | 1.4 | 3.2 | 1.9 | 3.2 | .9 | 2.6 | .5 | .3 | .1 | | | | 157 | 158 | 6 | 4 |
| [illegible] | .6 | .2 | .1 | .9 | 1.2 | 1.3 | .6 | .6 | .8 | .6 | .1 | .1 | | | | | | 54 | 54 | 21 | 6 |
| [illegible] | .1 | .1 | .5 | 1.4 | .6 | .3 | .7 | .4 | .3 | .5 | | .1 | | | | | | 45 | 44 | 36 | 29 |
| [illegible] | | | .1 | .1 | | .6 | .1 | | | | | | | | | | | 7 | 7 | 53 | 26 |
| [illegible] | | .1 | | .1 | | .3 | .1 | .1 | | | | | | | | | | 6 | 6 | 97 | 39 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 111 | 32 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 147 | 37 |
| [illegible] | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 107 | 37 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 75 | 48 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 52 | 32 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 36 | 31 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 23 | 33 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | 9 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

(41161) STATION | AL JUBAY,/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JUN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | | | |
| 120/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | | | |
| 110/ 99 | | | | | | | | | .1 | .1 | | | .4 | .5 | 1.3 | .9 | .5 | 29 | 29 | | | | | | | |
| 930/ 97 | | | | | | | | | .1 | | .1 | .6 | 1.3 | 1.1 | .3 | .5 | .3 | 32 | 32 | | | | | | | |
| 950/ 95 | | | | | | .4 | .1 | .3 | .1 | .1 | .1 | 1.7 | 2.7 | 1.2 | 1.5 | .2 | .1 | 77 | 78 | | | | | | | |
| 940/ 93 | | | | | | | .1 | .3 | .1 | .4 | .3 | 1.1 | 2.4 | .6 | 1.2 | .1 | .3 | 56 | 59 | | | | | | | |
| 920/ 91 | | | | | | .2 | | .2 | .8 | 1.7 | 1.4 | 3.7 | 1.2 | 2.2 | .3 | .4 | | 122 | 123 | | | | | | | |
| 910/ 89 | | | | .1 | .3 | .7 | .5 | 1.7 | 1.3 | 1.5 | 2.2 | 1.1 | 1.3 | .9 | .3 | | | 89 | 89 | | | | | | | |
| 880/ 87 | | | | | 1.5 | 1.3 | 2.4 | 1.5 | 2.2 | 1.4 | 3.2 | 1.7 | .8 | .5 | .2 | | | 125 | 131 | | | | | | | |
| 860/ 85 | | | .7 | .4 | .9 | 2.7 | 1.3 | 1.5 | 2.3 | 1.1 | .4 | .6 | .5 | .1 | | | | 95 | 96 | 4 | | | | | | |
| 840/ 83 | | .3 | .5 | .3 | 1.3 | .9 | 2.7 | 1.3 | 1.3 | 1.5 | .3 | .4 | .4 | .1 | | | | 92 | 93 | 4 | 1 | | | | | |
| 820/ 81 | .1 | .1 | .5 | 1.4 | 2.4 | .1 | 1.1 | .3 | .1 | .4 | .5 | .3 | | | | | | 59 | 59 | 30 | 4 | | | | | |
| 800/ 79 | | | .1 | | | .3 | .4 | .2 | .3 | | | | | | | | | 12 | 12 | 33 | 21 | | | | | |
| 780/ 77 | | .1 | | .1 | | .1 | | | | | | | | | | | | 3 | 3 | 51 | 33 | | | | | |
| 760/ 75 | | | | | | | | | | | | | | | | | | | | 82 | 15 | | | | | |
| 740/ 73 | | | | | | | | | | | | | | | | | | | | 108 | 35 | | | | | |
| 720/ 71 | | | | | | | | | | | | | | | | | | | | 127 | 49 | | | | | |
| 700/ 69 | | | | | | | | | | | | | | | | | | | | 145 | 55 | | | | | |
| 680/ 67 | | | | | | | | | | | | | | | | | | | | 86 | 39 | | | | | |
| 660/ 65 | | | | | | | | | | | | | | | | | | | | 62 | 37 | | | | | |
| 640/ 63 | | | | | | | | | | | | | | | | | | | | 73 | 11 | | | | | |
| 620/ 61 | | | | | | | | | | | | | | | | | | | | 16 | 41 | | | | | |
| 600/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 21 | | | | | |
| 580/ 57 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | |
| 560/ 55 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | |
| 540/ 53 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | |
| 520/ 51 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | |
| 500/ 49 | | | | | | | | | | | | | | | | | | | | | 23 | | | | | |
| 480/ 47 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | |
| 460/ 45 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | |
| 440/ 43 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | |
| 420/ 41 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| 400/ 39 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| 380/ 37 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 360/ 35 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 | A. JUBAY./DHAHRAN SAUDI ARABIA | 75-84 | | JUN
STATION | STATION NAME | YEARS | | MONTH

HOURS (L. S. T.) 1401-2200

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 7 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | | | .1 | .1 | .2 | 3.3 | 4.7 | 5.2 | 5.6 | 7.3 | 7.5 | 12.5 | 12.4 | 10.7 | 13.5 | 2.9 | 7.2 | 936 | 936 | 936 | 8.6 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1332302 | 27433 | 34.7 | 14.111 | 936 | | | | | | | |
| Dry Bulb | 7231552 | 76552 | 94.3 | 4.235 | 812 | | | 93.3 | 93.3 | 93.3 | 58.5 | 93 |
| Wet Bulb | 4219231 | 53199 | 72.2 | 4.547 | 936 | | | 83.2 | 39.2 | 5.9 | | 93 |
| Dew Point | 2351574 | 43143 | 59.7 | 3.743 | 936 | | .1 | 22.5 | 10.2 | 1.2 | | 93 |

USAFETAC FORM 0-26-5 (OL-A) AM 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION  A. JUBAY./[illegible] STATION NAME  75-84 YEARS  [illegible] MONTH

PAGE 1  [illegible]-2000 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | | | | |
| [illegible] | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | |
| [illegible] | | | | | | | | | | | | | | | | .2 | .7 | 3 | 3 | | | | |
| [illegible] | | | | | | | | | | | | .2 | | .5 | .5 | .6 | 2.3 | 31 | 31 | | | | |
| [illegible] | | | | | .1 | | | .4 | .1 | .1 | .3 | .4 | 1.7 | 2.4 | 2.6 | 4.3 | 2.6 | 122 | 122 | | | | |
| [illegible] | | | | | | | .1 | | .5 | .4 | .4 | 1.1 | 1.4 | 2.3 | 1.2 | 3.3 | 1.3 | 84 | 82 | | | | |
| [illegible] | | | | | | .1 | .2 | | 1.7 | 1.4 | 1.5 | 3.6 | 3.3 | 2.4 | 5.2 | 1.5 | .5 | 179 | 179 | | | | |
| [illegible] | | | | | | .2 | .6 | .3 | .7 | 1.2 | 1.4 | 1.7 | 3.2 | 1.5 | .6 | .1 | .1 | 101 | 101 | | | | |
| [illegible] | | | | | | 1.4 | .1 | 2.1 | 2.1 | 2.2 | 2.3 | 3.5 | 1.5 | 1.4 | .4 | | | 135 | 136 | 1 | | | |
| [illegible] | | | | | | .2 | .5 | 1.5 | .3 | 1.2 | 1.3 | 1.2 | .5 | .4 | | | | 57 | 57 | | 1 | | |
| [illegible] | | | | | .2 | .2 | 1.3 | .3 | .4 | .5 | .3 | .5 | .1 | .1 | | | | 47 | 45 | 2 | | | |
| [illegible] | | | .1 | | .1 | .2 | .5 | | .1 | .2 | | | | | | | | 12 | 12 | 4 | | | |
| [illegible] | | | | .1 | .4 | .2 | .5 | .1 | | | | | | | | | | 11 | 11 | 5 | 1 | | |
| [illegible] | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 27 | 7 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 41 | 7 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 54 | 27 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 89 | 10 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 117 | 35 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 122 | 31 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 151 | 44 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 171 | 36 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 47 | 41 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 13 | 98 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 43 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 57 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 51 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 53 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 45 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 50 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 51 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 29 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 34 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 11 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 6 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JULY — MONTH

PAGE 1
1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 45/ 45 | | | | | | | | | | | | | | | | | | | | | | 101 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 29 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 16 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | .1 | .2 | .6 | .7 | 1.2 | 1.4 | 4.2 | 4.7 | 5.3 | 7.1 | 11.1 | 11.4 | 24 | 5.7 | | | | | 931 | 334 | | 931 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3123x7 | 13753 | 22.8 | 13.367 | 931 | | | | | | | |
| Dry Bulb | 359373 | 34553 | 121.4 | 9.177 | 934 | | | 93.3 | 93.3 | 91.3 | 38.8 | 93 |
| Wet Bulb | 433227 | 59939 | 72.1 | 4.356 | 931 | | | 84.5 | 35.6 | 5.1 | .3 | 93 |
| Dew Point | 2593532 | 45167 | 54.3 | 17.381 | 931 | | .6 | 12.1 | 4.5 | 1.6 | .2 | 93 |

USAFETAC FORM AM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41156 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JAN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | .4 | 3 | 3 | | | | | | |
| 112/111 | | | | | | | | | | | | | | | | | 1.3 | 3 | 3 | | | | | | |
| 110/109 | | | | | | | | | | | | .1 | | | | .2 | 3.1 | 29 | 29 | | | | | | |
| 108/107 | | | | | | | | | .1 | | .1 | .1 | | .2 | .5 | .1 | 4.3 | 46 | 47 | | | | | | |
| 106/105 | | | | | | .1 | | | | .2 | | .9 | | | .5 | .8 | 9.4 | 95 | 95 | | | | | | |
| 104/103 | | | | | | .1 | | | | | .1 | | .5 | 1.3 | .5 | 2.2 | 7.3 | 102 | 102 | | | | | | |
| 102/101 | | | | | .1 | | | .1 | .2 | | .1 | .2 | .1 | 1.3 | 2.3 | 3.2 | 11.1 | 159 | 159 | | | | | | |
| 100/ 99 | | | | | | | | .2 | .1 | .1 | 1.3 | 1.8 | 2.3 | 4.3 | 3.7 | 5.2 | 7.3 | 219 | 219 | | | | | | |
| 98/ 97 | | | | | | | .2 | | .1 | | .2 | .7 | 1.3 | 1.3 | 1.7 | 2.4 | 1.2 | 79 | 80 | | | | | | |
| 96/ 95 | | | | | | | .1 | .1 | .5 | .5 | 1.3 | 1.2 | 1.1 | .3 | 1.8 | .8 | .2 | 55 | 56 | 2 | | | | | |
| 94/ 93 | | | | | | | .2 | .2 | .1 | .4 | .5 | | .2 | .1 | | | | 15 | 15 | 1 | 2 | | | | |
| 92/ 91 | | | | | | | | | | | .2 | .2 | | .2 | | | | 6 | 6 | 1 | 1 | | | | |
| 90/ 89 | | | | | | | | | | .1 | | .1 | .1 | | | | | 3 | 3 | | | | | | |
| 88/ 87 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | 4 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | 5 | 1 | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | 5 | 2 | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | 7 | 9 | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 35 | 1 | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 54 | 8 | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 93 | 7 | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 125 | 11 | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 155 | 9 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 182 | 23 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 115 | 19 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 44 | 31 | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 5 | 65 | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 36 | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 56 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 55 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 41 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 41 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 51 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 57 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 58 | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

434150 STATION | AL JUBAY/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JUN MONTH

PAGE 1 | 1200-1400 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 56 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 73 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 94 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 76 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 30 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 21 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 23 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 21 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 19 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 9 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 1278 | | | | .1 | .1 | .1 | .2 | .5 | .5 | .9 | 1.7 | 3.8 | 3.7 | 4.3 | 7.7 | 12.2 | 64.2 | 813 | 821 | 818 | 818 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 335516 | 15382 | 19.8 | 9.384 | 813 | | | | | | | |
| Dry Bulb | 3935214 | 95572 | 139.2 | 9.549 | 821 | | | 90.3 | 90.3 | 90.3 | 89.7 | 90 |
| Wet Bulb | 3273163 | 59295 | 72.2 | 9.829 | 818 | | | 85.9 | 35.3 | 5.3 | .3 | 90 |
| Dew Point | 2329133 | 42761 | 52.3 | 10.715 | 818 | | 1.9 | 7.9 | 2.9 | 1.2 | .2 | 90 |

USAFETAC FORM AM 64 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41856 | AL JUBAYL/DAHRAN SAUDI ARABIA | 75-84 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1200-1800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | |
| 118/117 | | | | | | | | | | | | | | | | | .5 | | 4 | 4 | | | |
| 116/115 | | | | | | | | | | | | | | | | | .4 | | 3 | 3 | | | |
| 114/113 | | | | | | | | | | | | | | | | | 3.1 | | 25 | 25 | | | |
| 112/111 | | | | | | | | | | | | | | | | .1 | 4.3 | | 36 | 36 | | | |
| 110/109 | | | | | | | | | | | | | .1 | .2 | | .4 | 3.7 | | 77 | 77 | | | |
| 108/107 | | | | | | | | | .1 | | | | | | .5 | .9 | 13.0 | | 94 | 95 | | | |
| 106/105 | | | | | | .1 | | .2 | .1 | | | | .1 | .2 | .2 | 1.9 | 16.7 | | 161 | 161 | | | |
| 104/103 | | | | | | | | .1 | | | .1 | | .5 | .8 | .6 | 2.4 | 3.5 | | 135 | 135 | | | |
| 102/101 | | | | | | | | | | .2 | | .5 | .1 | 1.3 | 1.3 | 2.9 | 7.7 | | 115 | 115 | | | |
| 100/ 99 | | | | .1 | .1 | | | | .1 | .1 | .5 | 1.7 | 1.5 | 1.3 | 2.5 | 2.8 | 4.2 | | 123 | 123 | | | |
| 98/ 97 | | | | | | | .1 | .1 | | .5 | .2 | 1.0 | .4 | .7 | .9 | .5 | .1 | | 37 | 33 | | | |
| 96/ 95 | | | | | | | .1 | .1 | .1 | | .7 | .5 | .7 | .1 | 1.3 | .2 | | | 31 | 31 | 2 | | |
| 94/ 93 | | | | | | | | | .1 | | | | .1 | .1 | .1 | | | | 4 | 4 | 1 | 2 | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | 4 | 1 | |
| 90/ 89 | | | | | | | | | | | | | | .1 | | | | | 1 | 1 | 1 | 2 | |
| 88/ 87 | | | | | | | | | | | | | | | .2 | | | | 2 | 2 | 1 | 2 | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | 3 | 1 | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | 5 | 1 | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 11 | 1 | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 33 | 4 | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | 56 | 7 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 96 | 2 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 114 | 7 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 192 | 11 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 164 | 17 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 137 | 18 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 32 | 25 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 3 | 49 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 1 | 31 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 1 | 39 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 51 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 51 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 53 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 59 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | AL JUBAYL/[illegible] STATION NAME | 75-84 YEARS | JUN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 86 | | | | | | | | | | | | | | | | | | | | | 77 |
| 94/ 83 | | | | | | | | | | | | | | | | | | | | | 76 |
| 92/ 81 | | | | | | | | | | | | | | | | | | | | | 73 |
| 90/ 79 | | | | | | | | | | | | | | | | | | | | | 27 |
| 88/ 77 | | | | | | | | | | | | | | | | | | | | | 20 |
| 86/ 75 | | | | | | | | | | | | | | | | | | | | | 12 |
| 84/ 73 | | | | | | | | | | | | | | | | | | | | | 19 |
| 82/ 71 | | | | | | | | | | | | | | | | | | | | | 23 |
| 80/ 69 | | | | | | | | | | | | | | | | | | | | | 7 |
| 78/ 67 | | | | | | | | | | | | | | | | | | | | | 5 |
| 76/ 65 | | | | | | | | | | | | | | | | | | | | | 1 |
| 74/ 61 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | | | | .4 | .5 | .5 | .4 | .6 | 1.0 | 1.9 | 6.5 | 7.2 | 7.4 | 13.3 | 16.6 | 43.3 | 825 | 825 | 825 | 825 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 473159 | 17837 | 21.6 | 13.199 | 825 | | | | | | | |
| Dry Bulb | 9335963 | 32697 | 110.2 | 4.491 | 825 | | | 99.9 | 99.9 | 99.9 | 85.7 | 99 |
| Wet Bulb | 4151453 | 58434 | 70.8 | 9.525 | 825 | | | 76.9 | 27.2 | 3.1 | .1 | 99 |
| Dew Point | 2331239 | 82957 | 32.1 | 12.718 | 825 | | 3.7 | 5.8 | 2.3 | 1.8 | | 83 |

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[41451] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | | |
| 112/111 | | | | | | | | | | | | | | | | .1 | .4 | 5 | 5 | | | | | |
| 110/109 | | | | | | | | | | | | | | | | .2 | 2.3 | 21 | 21 | | | | | |
| 108/107 | | | | | | | | | | | | | | .1 | .1 | .2 | 3.5 | 33 | 33 | | | | | |
| 106/105 | | | | | | | .1 | | | | .1 | | | | .2 | 1.5 | 7.5 | 78 | 78 | | | | | |
| 104/103 | | | | | | | | .1 | | | | | | .4 | 1.3 | 1.6 | 6.9 | 82 | 82 | | | | | |
| 102/101 | | | | | | .1 | | | | | | .5 | | 1.5 | 1.9 | 2.7 | 9.0 | 130 | 130 | | | | | |
| 100/ 99 | | | | | | | .2 | .1 | | | .4 | 1.1 | 1.7 | 1.3 | 4.5 | 5.5 | 9.2 | 227 | 227 | | | | | |
| 98/ 97 | | | | | | | .1 | | .1 | .2 | .5 | .5 | 1.5 | 2.1 | 1.9 | 2.9 | 2.9 | 135 | 135 | | | | | |
| 96/ 95 | | | | | .1 | .2 | | .1 | .2 | .5 | .2 | 2.1 | 2.5 | 1.3 | 3.4 | 1.5 | .5 | 133 | 133 | | | | | |
| 94/ 93 | | | | | .1 | | | | | | | .5 | 1.1 | .5 | .4 | .4 | .4 | 29 | 29 | 1 | | | | |
| 92/ 91 | | | | | .1 | .1 | | | .2 | | .2 | 1.5 | .1 | | .2 | .1 | | 25 | 25 | 2 | | | | |
| 90/ 89 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | 1 | | | | |
| 88/ 87 | | | | | | | | | | .1 | | | .1 | | .1 | | | 3 | 3 | 4 | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 84/ 83 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | 1 | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 23 | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 36 | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 67 | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 105 | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 155 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 172 | 1 | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 124 | 1 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 87 | 1 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 32 | 5 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 | 4 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 5 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 5 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

[illegible] STATION | A[illegible] STATION NAME | 75-84 YEARS | [illegible] MONTH

PAGE 2 [illegible] HOURS (L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .1 | .4 | .6 | .8 | 2.4 | 1.7 | 5.6 | 5.8 | 8.7 | 9.9 | 10.3 | 13.3 | 10.6 | 11.9 | 9.1 | 5.4 | 3.3 | 732 | 793 | 732 | 7 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1332513 | 26645 | 36.2 | 15.523 | 793 | | | | | | | |
| Dry Bulb | 5116567 | 69789 | 38.2 | 5.179 | 733 | | | 23.3 | 22.3 | 16.5 | 23.2 | |
| Wet Bulb | 3538492 | 52978 | 67.8 | 5.587 | 793 | | | 52.7 | 18.3 | 1.7 | | |
| Dew Point | 2393387 | 42249 | 59.2 | 11.521 | 793 | | 2.5 | 11.3 | 4.3 | .8 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

[illegible] STATION  A[illegible] STATION NAME  75-88 YEARS  JULY MONTH

PAGE 1  0600-0 HOURS (L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb Dew |
| 102/101 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | |
| 100/ 99 | | | | | | | | | | | | .3 | .8 | .1 | .6 | .6 | .1 | 23 | 23 | |
| 98/ 97 | | | | | | | | | | | .1 | .1 | .1 | .3 | .4 | .3 | .5 | 14 | 14 | |
| 96/ 95 | | | | | | .1 | .1 | .1 | .1 | .1 | 1.3 | .9 | .6 | .5 | 2.1 | .8 | 1.4 | 54 | 65 | |
| 94/ 93 | | | | | .1 | .1 | | .1 | .4 | .5 | .9 | 1.3 | 1.9 | 1.7 | .9 | 1.2 | .2 | 76 | 76 | |
| 92/ 91 | | | | .1 | .1 | .1 | .1 | .3 | .9 | 2.1 | 1.3 | 2.8 | .6 | 1.8 | .9 | 1.5 | .1 | 115 | 106 | |
| 90/ 89 | | | | | .1 | | .3 | .4 | .9 | 1.4 | 1.2 | 1.9 | 1.3 | 1.5 | 1.2 | .6 | .1 | 85 | 85 | |
| 88/ 87 | | | | | .5 | | 1.3 | 1.7 | 2.7 | 1.4 | 1.7 | 1.7 | 1.3 | 2.4 | 2.3 | .8 | .1 | 136 | 136 | 1 |
| 86/ 85 | | | | .1 | .1 | .3 | .6 | .8 | 1.3 | 1.2 | .8 | .9 | 1.7 | 1.7 | .6 | | | 78 | 78 | 3 |
| 84/ 83 | | | | .1 | .1 | | 1.2 | .5 | 1.3 | .9 | 1.2 | 1.8 | 1.2 | 1.5 | .1 | | | 78 | 78 | 2 |
| 82/ 81 | | .1 | .2 | .3 | .3 | .3 | 1.5 | 1.2 | .8 | 1.5 | .8 | 1.4 | 1.2 | .3 | | | | 76 | 77 | 3 |
| 80/ 79 | | .1 | | | .1 | .3 | .4 | .6 | | .4 | .3 | .3 | | | | | | 23 | 27 | 12 |
| 78/ 77 | .1 | | .4 | | .3 | .5 | .1 | .1 | .4 | .4 | .3 | .1 | | | | | | 25 | 25 | 22 |
| 76/ 75 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 82 |
| 74/ 73 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 67 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 95 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 103 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 95 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 97 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 92 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 88 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 49 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 16 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 4 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Tota |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMA

403150 STATION | AL JUBAY/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JUL MONTH

PAGE 2 | 3333-0 HOURS (L. S

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | |
| 82 31 | | | | | | | | | | | | | | | | | | | | |
| 80 29 | | | | | | | | | | | | | | | | | | | | |
| TOTA | .5 | 1.4 | 2.1 | 4.5 | 5.8 | 5.3 | 8.1 | 8.3 | 11.3 | 11.7 | 13.2 | 13.7 | 7.5 | 5.4 | 3.1 | .5 | .3 | 728 | 799 | 798 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Tota |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1762338 | 34512 | 43.4 | 18.117 | 798 | | | | | | | |
| Dry Bulb | 5699352 | 57353 | 84.3 | 5.242 | 799 | | | 99.3 | 89.3 | 73.1 | 4.7 | |
| Wet Bulb | 3713397 | 54273 | 68.3 | 5.351 | 798 | | | 56.3 | 17.0 | 1.4 | | |
| Dew Point | 2727535 | 45915 | 57.5 | 13.369 | 798 | | .7 | 16.3 | 9.3 | .7 | | |

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

[illegible] STATION [illegible] STATION NAME 75-84 YEARS [illegible] MONTH

PAGE 1 [illegible] HOURS (L. S

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew |
| 101/ 99 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 99/ 97 | | | | | | | | | | | | | | | .3 | | | 2 | 2 | | |
| 97/ 95 | | | | | | | | | | | | .1 | .3 | .6 | .8 | .1 | .3 | 17 | 17 | | |
| 95/ 93 | | | | | .1 | | | | | .4 | .5 | .5 | .3 | .5 | .5 | | | 22 | 22 | | |
| 93/ 91 | | | .3 | .1 | | | .1 | | .1 | 1.5 | 1.1 | 1.5 | .9 | .9 | .5 | .1 | | 57 | 57 | | |
| 91/ 89 | | | | | | .4 | .1 | .5 | 1.1 | 1.6 | 2.3 | 1.6 | .5 | 1.1 | .6 | .3 | | 83 | 83 | | |
| 89/ 87 | | | | .1 | | .1 | .6 | 1.3 | 2.8 | 1.3 | 3.1 | .9 | 1.4 | 1.1 | .4 | | | 102 | 102 | 4 | |
| 87/ 85 | | | .1 | .3 | .5 | .4 | 1.3 | .5 | 1.3 | 1.9 | .3 | .3 | 1.3 | .5 | .1 | | | 73 | 73 | | |
| 85/ 83 | | | | .5 | .5 | .9 | 2.5 | 1.5 | 2.1 | 2.1 | 1.4 | 2.3 | 1.9 | .9 | | | | 121 | 121 | | |
| 83/ 81 | | | .4 | .4 | 1.4 | 1.6 | 1.2 | 2.4 | 1.2 | 1.5 | 2.3 | 2.3 | 1.5 | .5 | | | | 147 | 148 | 4 | |
| 81/ 79 | .1 | .3 | .5 | .6 | 1.1 | .9 | .3 | 1.3 | .3 | .8 | .6 | .5 | | | | | | 59 | 59 | 13 | |
| 79/ 77 | .3 | .5 | .5 | 1.1 | 1.5 | 1.3 | .9 | .7 | .5 | .3 | .4 | .4 | | | | | | 72 | 73 | 17 | |
| 77/ 75 | | .1 | .3 | 1.3 | .3 | .1 | .8 | .6 | .3 | .1 | | | | | | | | 28 | 28 | 42 | |
| 75/ 73 | .1 | .5 | | .1 | .1 | | | .3 | .1 | .3 | | | | | | | | 12 | 12 | 74 | |
| 73/ 71 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 119 | |
| 71/ 69 | | | | .1 | .1 | .1 | | | | | | | | | | | | 3 | 3 | 122 | |
| 69/ 67 | | | | | | | | | | | | | | | | | | | | 127 | |
| 67/ 65 | | | | | | | | | | | | | | | | | | | | 86 | |
| 65/ 63 | | | | | | | | | | | | | | | | | | | | 59 | |
| 63/ 61 | | | | | | | | | | | | | | | | | | | | 75 | |
| 61/ 59 | | | | | | | | | | | | | | | | | | | | 43 | |
| 59/ 57 | | | | | | | | | | | | | | | | | | | | 19 | |
| 57/ 55 | | | | | | | | | | | | | | | | | | | | 7 | |
| 55/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 53/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 51/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 49/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 47/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 45/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 43/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 41/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 39/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 37/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 35/ 33 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | To |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41151 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PAGE 2

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 27 | | | | | | | | | | | | | | | | | | | | |
| TOTA | .4 | 1.2 | 3.2 | 7.1 | 7.1 | 5.5 | 8.0 | 5.5 | 9.4 | 9.3 | 11.1 | 13.4 | 7.7 | 3.9 | 3.5 | 1.3 | .4 | 775 | 777 | 775 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 1213353 | 35523 | 45.8 | 19.229 | 775 | | | | | | |
| Dry Bulb | 5726453 | 55563 | 95.7 | 5.587 | 777 | | | 90.2 | 89.8 | 79.5 | 12.3 |
| Wet Bulb | 3799375 | 54123 | 69.8 | 5.133 | 775 | | | 67.2 | 25.5 | 3.3 | |
| Dew Point | 2394268 | 45752 | 60.3 | 9.751 | 775 | | .2 | 22.8 | 11.3 | 1.4 | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41151 AL JUBAYL/JAHARAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PAGE 2 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| ≥ 47 33 | | | | | | | | | | | | | | | | | | | | |
| 27 31 | | | | | | | | | | | | | | | | | | | | |
| TOTA | .1 | .5 | 1.7 | 2.3 | 5.9 | 7.3 | 8.4 | 7.3 | 9.6 | 8.2 | 9.5 | 11.2 | 13.5 | 8.2 | 4.6 | 2.7 | 1.3 | | 787 | |
| | | | | | | | | | | | | | | | | | | 783 | | 78 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 1525577 | 33703 | 43.1 | 17.535 | 783 | | | | | | |
| Dry Bulb | 5251529 | 70122 | 89.5 | 4.733 | 787 | | | 90.2 | 90.2 | 89.2 | 22.6 |
| Wet Bulb | 4231345 | 56755 | 71.5 | 4.354 | 783 | | | 76.9 | 36.3 | 5.2 | |
| Dew Point | 3183319 | 43243 | 61.6 | 9.315 | 783 | | .1 | 27.9 | 13.4 | 1.5 | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | MON

PAGE 1 | HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 118/117 | | | | | | | | | | | | | | | | | .1 | 4 | 4 | |
| 116/115 | | | | | | | | | | | | | | | | | .1 | 1 | 13 | |
| 114/113 | | | | | | | | | | | | | | | | | .1 | 25 | 29 | |
| 112/111 | | | | | | | | | | | | | | | | .3 | .7 | 42 | 42 | |
| 110/109 | | | | | | | | | | | | .3 | .3 | .3 | | .1 | 1.8 | 127 | 127 | |
| 108/107 | | | | | | | | | .3 | | .3 | .3 | | .3 | .1 | .2 | 2.3 | 175 | 177 | |
| 106/105 | | | | | | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .1 | .5 | 4.3 | 336 | 336 | |
| 104/103 | | | | | | .2 | | .3 | | | .3 | | .2 | .2 | .3 | .8 | 3.1 | 297 | 298 | |
| 102/101 | | | | | .3 | .3 | | .3 | .3 | .3 | .3 | .2 | .3 | .7 | .8 | 1.2 | 3.8 | 433 | 438 | |
| 100/ 99 | | | | .2 | .3 | | .2 | .1 | .1 | .3 | .3 | .6 | 1.1 | 1.3 | 2.3 | 2.5 | 3.2 | 728 | 728 | |
| 98/ 97 | | | | | | | .1 | .3 | .1 | .1 | .3 | .5 | .8 | 1.3 | .9 | 1.2 | .7 | 373 | 378 | |
| 96/ 95 | | | | | .3 | .1 | .1 | .1 | .4 | .4 | .5 | 1.5 | 1.5 | 1.2 | 2.2 | .7 | .4 | 578 | 582 | 4 |
| 94/ 93 | | | | | .1 | .7 | .1 | .2 | .2 | .4 | .6 | .7 | 1.3 | .7 | .5 | .2 | .2 | 345 | 345 | 3 |
| 92/ 91 | | | .1 | .3 | .2 | .3 | .2 | .4 | .5 | 1.1 | 1.1 | 2.3 | .5 | .9 | .3 | .3 | .3 | 513 | 516 | 8 |
| 90/ 89 | | | | .3 | .1 | .3 | .2 | .5 | .5 | .9 | 1.3 | 1.3 | .5 | .5 | .3 | .1 | .1 | 383 | 388 | 2 |
| 88/ 87 | | | | .1 | .3 | .2 | .3 | .7 | 1.3 | .7 | 1.3 | .7 | .6 | .6 | .4 | .1 | .2 | 487 | 489 | 22 |
| 86/ 85 | | | .1 | .1 | .2 | .5 | .5 | .4 | .7 | .7 | .4 | .4 | .5 | .3 | .1 | | | 316 | 317 | 26 |
| 84/ 83 | | .3 | .1 | .3 | .5 | .3 | 1.1 | .5 | .2 | .3 | .6 | .5 | .5 | .2 | .3 | | | 433 | 433 | 37 |
| 82/ 81 | .3 | .3 | .4 | .5 | .3 | .4 | .9 | .7 | .7 | .5 | .3 | .6 | .4 | .1 | | | | 453 | 453 | 95 |
| 80/ 79 | .3 | .1 | .1 | .2 | .3 | .3 | .2 | .3 | .2 | .2 | .1 | .2 | | | | | | 146 | 146 | 225 |
| 78/ 77 | .1 | .1 | .2 | .3 | .4 | .3 | .2 | .2 | .2 | .1 | .1 | .1 | | | | | | 141 | 142 | 336 |
| 76/ 75 | | .3 | .3 | .1 | .3 | .1 | .1 | .1 | .3 | .3 | | | | | | | | 36 | 36 | 555 |
| 74/ 73 | .3 | .1 | | .3 | .3 | .3 | .3 | .3 | .3 | .3 | | | | | | | | 23 | 23 | 837 |
| 72/ 71 | | | | .3 | | | | | | | | | | | | | | 1 | 1 | 1376 |
| 70/ 69 | | | | .3 | .3 | .3 | | | | | | | | | | | | 4 | 4 | 1196 |
| 68/ 67 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 862 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 516 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 293 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 220 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 118 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 43 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 15 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41156 — STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME

75-84 — YEARS

JU — MONTH

PAGE 1

AL — HOURS (L.S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | De |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | .1 | .4 | 1.0 | 1.9 | 2.9 | 3.7 | 4.5 | 4.5 | 5.3 | 5.1 | 7.4 | 9.4 | 8.2 | 7.6 | 8.3 | 8.9 | 21.3 | | | | | 6433 | | 6416 | |
| | | | | | | | | | | | | | | | | | | | | | | 6416 | | | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Tot |
| Rel. Hum. | 3223362 | 211298 | 32.9 | 17.813 | 6416 | | | | | | | |
| Dry Bulb | 55354255 | 522477 | 93.5 | 8.553 | 5439 | | | 720.3 | 719.3 | 697.0 | 390.9 | |
| Wet Bulb | 32133795 | 452384 | 70.5 | 5.166 | 6416 | | | 585.4 | 238.9 | 32.4 | .8 | |
| Dew Point | 21213655 | 352183 | 55.4 | 10.282 | 6416 | | 9.9 | 129.9 | 53.2 | 9.9 | .4 | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

[illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0000-[illegible]
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb De |
| 122/131 | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | |
| 120/ 99 | | | | | | | | .1 | | .2 | .2 | .1 | | .5 | .5 | .5 | .5 | 23 | 24 | |
| 98/ 97 | | | | | | | .1 | | | | .2 | | | | .5 | .5 | .1 | 13 | 13 | |
| 96/ 95 | | | | | | .1 | .2 | .1 | .1 | .2 | | .5 | .7 | .5 | .5 | .5 | | 32 | 32 | |
| 94/ 93 | | | | .1 | .2 | .1 | .1 | .2 | .4 | .5 | .2 | .5 | 1.5 | .5 | .1 | | | 40 | 41 | |
| 92/ 91 | | | .7 | .4 | .5 | .5 | | .2 | .4 | .4 | 1.3 | 2.3 | .2 | .3 | .5 | .1 | | 71 | 71 | |
| 90/ 89 | | | .1 | 1.3 | .6 | 1.2 | .2 | .2 | .5 | .5 | 1.5 | 1.1 | 1.3 | .3 | .1 | | | 78 | 79 | |
| 88/ 87 | .2 | .2 | .6 | 1.7 | 1.3 | .7 | 2.3 | .5 | .4 | 1.1 | 2.3 | 1.6 | 1.1 | .2 | | | | 118 | 115 | 13 |
| 86/ 85 | .1 | .7 | 1.2 | 1.6 | 1.0 | 1.2 | .9 | .9 | 1.6 | 1.1 | 2.0 | 1.6 | .4 | | | | | 121 | 121 | 15 |
| 84/ 83 | | 1.2 | 2.6 | 1.1 | 2.6 | 1.2 | 3.7 | 2.1 | 3.2 | 1.5 | 2.3 | 1.2 | .4 | | | | | 138 | 138 | 32 |
| 82/ 81 | .1 | .6 | 1.2 | 1.3 | 2.1 | .9 | 2.3 | 1.6 | .9 | .7 | .2 | | | | | | | 132 | 132 | 65 |
| 80/ 79 | | | | .4 | .6 | .2 | | .3 | .2 | | | | | | | | | 24 | 24 | 54 |
| 78/ 77 | | | | | .2 | | .1 | .4 | | | | | | | | | | 6 | 6 | 55 |
| 76/ 75 | | | | | | | .2 | | | | | | | | | | | 2 | 2 | 63 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 75 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 36 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 135 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 96 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 80 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 43 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Tot |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

[illegible] STATION | A_ JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | [illegible] MONTH

PAGE [illegible] HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| TOTAL | .5 | 2.3 | 6.5 | 7.9 | 9.3 | 7.5 | 13.7 | 7.3 | 7.5 | 6.5 | 10.1 | 8.3 | 5.4 | 3.7 | 2.3 | 1.3 | .9 | 819 | 822 | 819 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Tota |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 2581128 | 42313 | 51.7 | 23.8 | 819 | | | | | | | |
| Dry Bulb | 5252315 | 71535 | 87.1 | 8.5 | 822 | | | 93.3 | 93.0 | 91.9 | 12.7 | |
| Wet Bulb | 3332371 | 57693 | 72.9 | 6.2 | 819 | | | 78.5 | 82.5 | 13.5 | | |
| Dew Point | 1555377 | 53135 | 64.8 | 11.1 | 819 | | | 67.5 | 27.3 | 1.1 | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAI

41452 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1 — 0330-05 HOURS (L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 102/ 99 | | | | | | | | | .1 | | .1 | | | .1 | .1 | .1 | .4 | 3 | 3 | | |
| 98/ 97 | | | | | | | | | .1 | | .1 | | | .4 | .4 | .1 | | 9 | 9 | | |
| 96/ 95 | | | | | | | | | .1 | | .4 | .2 | .5 | .1 | .6 | .5 | .2 | 23 | 23 | | |
| 94/ 93 | | | | .1 | | | | | .1 | .2 | .5 | .6 | .4 | .9 | 1.0 | .5 | | 35 | 35 | | |
| 92/ 91 | | | .2 | .4 | .2 | | | .5 | .2 | .7 | .7 | 1.3 | .9 | 1.0 | 1.0 | .4 | | 52 | 52 | | |
| 90/ 89 | | .2 | .2 | 1.1 | .6 | .7 | .2 | .5 | .7 | 1.6 | .7 | 1.7 | 1.2 | 1.5 | .2 | .1 | | 94 | 94 | | |
| 88/ 87 | | .4 | .6 | .7 | .6 | .7 | .6 | .5 | 1.5 | .9 | 1.2 | 1.3 | 2.2 | 1.6 | .4 | | | 108 | 108 | 7 | |
| 86/ 85 | .2 | .4 | 2.0 | 1.3 | .9 | .9 | 1.3 | .9 | .7 | 2.0 | 1.8 | 1.3 | 1.6 | .2 | | | | 127 | 127 | 16 | |
| 84/ 83 | .2 | 1.6 | 1.6 | 1.7 | 1.1 | .8 | 1.7 | 2.0 | 1.0 | 1.3 | 2.0 | 1.7 | 1.2 | | | | | 142 | 142 | 24 | |
| 82/ 81 | .9 | 1.6 | 1.7 | 1.6 | 1.6 | 1.6 | 2.8 | 2.3 | 2.4 | 1.2 | 1.2 | 1.1 | .2 | | | | | 153 | 153 | 51 | |
| 80/ 79 | .1 | .9 | .2 | | .4 | 1.1 | .2 | .6 | 1.1 | .6 | .2 | | | | | | | 33 | 33 | 54 | |
| 78/ 77 | | | .1 | | | | .4 | .2 | .1 | .1 | | | | | | | | 8 | 8 | 47 | |
| 76/ 75 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 42 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 56 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 89 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 94 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 83 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 139 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 89 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 42 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 16 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

[illegible] STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JUL MONTH

 0300-0600 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 34? 33 [illegible] | 1.5 | 4.9 | 5.6 | 7.3 | 5.2 | 5.1 | 7.4 | 7.4 | 3.3 | 3.5 | 2.3 | 2.4 | 3.3 | 5.7 | 3.7 | 1.7 | .7 | | 823 | | 82 |
| | | | | | | | | | | | | | | | | | | 823 | | 823 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2363763 | 53313 | 88.5 | 22.361 | 823 | | | | | | | |
| Dry Bulb | 5133793 | 73633 | 35.1 | 4.535 | 823 | | | 23.3 | 23.3 | 23.2 | 3.5 | # |
| Wet Bulb | 4171317 | 58223 | 71.2 | 6.796 | 823 | | | 63.9 | 33.7 | 14.5 | | 3 |
| Dew Point | 3251185 | 53593 | 61.7 | 12.559 | 823 | | | 32.8 | 22.5 | 2.5 | | 3 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41452 STATION — AL JUBAYL/JHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — JUL MONTH

PAGE 1 — 0600-0900 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 136/135 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 134/133 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 132/131 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 130/ 99 | | | | | | | | .1 | | | .1 | .4 | .2 | .4 | .4 | .5 | 1.5 | 33 | 33 | | |
| 98/ 97 | | | | | | | .4 | | .2 | .1 | .4 | .1 | .5 | .5 | .4 | 1.0 | .7 | 35 | 35 | | |
| 96/ 95 | | | | | | .1 | .5 | | .4 | .3 | .3 | 2.3 | 1.2 | .3 | 3.5 | 2.1 | 1.5 | 113 | 113 | | |
| 94/ 93 | | | | | .4 | .2 | .5 | .4 | .1 | .2 | 1.4 | .9 | .5 | 1.5 | 1.6 | 1.4 | .2 | .1 | 79 | 83 | | |
| 92/ 91 | | | .4 | .1 | .5 | .7 | .1 | 1.1 | .5 | 1.4 | 1.1 | 2.1 | .5 | 3.3 | 2.5 | 1.2 | .1 | 125 | 126 | | |
| 90/ 89 | | .1 | .1 | 1.2 | .2 | .1 | .5 | .4 | .5 | .7 | .2 | 1.1 | 1.1 | 2.2 | 1.2 | .5 | | 83 | 83 | | |
| 88/ 87 | | .5 | .2 | 1.4 | .4 | .2 | .5 | .5 | 1.7 | .2 | 1.4 | 1.5 | 2.5 | 2.7 | .5 | | | 116 | 116 | 8 | |
| 86/ 85 | | .2 | .5 | .7 | .5 | .2 | .1 | .2 | .5 | .7 | .4 | .6 | 1.1 | .7 | .2 | | | 82 | 82 | 15 | 13 |
| 84/ 83 | .1 | .4 | 1.2 | 1.1 | .4 | | .5 | .4 | .2 | 1.2 | .7 | 1.5 | 1.2 | .5 | | | | 83 | 83 | 39 | 8 |
| 82/ 81 | .1 | 1.0 | .2 | .2 | .5 | .5 | 1.1 | .5 | .5 | .4 | .7 | .4 | | | | | | 63 | 63 | 33 | 44 |
| 80/ 79 | | .1 | .1 | | .1 | | .1 | .5 | .2 | .1 | | .1 | | | | | | 12 | 12 | 38 | 32 |
| 78/ 77 | | .1 | | | | .2 | .1 | .1 | | .1 | | | | | | | | 6 | 6 | 48 | 24 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 47 | 24 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 57 | 22 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 58 | 13 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 76 | 20 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 106 | 27 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 111 | 29 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 120 | 58 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 52 | 31 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 15 | 31 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 42 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 26 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 36 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 29 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 55 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 43 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 79 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 38 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 38 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 15 |

| Element (X) | $z_{X'}$ | $z_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 (STATION) | AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) | 75-84 (YEARS) | JUL (MONTH)

PAGE 2 | 0000-0900 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| ≥ 37 | | | | | | | | | | | | | | | | | | | | 21 |
| ≥ 35 | | | | | | | | | | | | | | | | | | | | 3 |
| ≥ 33 | | | | | | | | | | | | | | | | | | | | 2 |
| ≥ 31 | | | | | | | | | | | | | | | | | | | | 2 |
| ≥ 29 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 2.6 | 3.2 | 5.7 | 3.1 | 4.1 | 4.3 | 3.2 | 5.1 | 7.3 | 2.7 | 12.4 | 12.3 | 12.3 | 13.3 | 5.6 | 4.3 | 809 | 811 | 809 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1,539357 | 32331 | 39.5 | 21.284 | 809 | | | | | | | |
| Dry Bulb | 539173 | 72582 | 89.7 | 4.761 | 811 | | | 23.2 | 23.2 | 21.5 | 3.1 | 23 |
| Wet Bulb | 835342 | 57099 | 70.5 | 6.922 | 809 | | | 6.1 | 2.5 | 1.8 | | 23 |
| Dew Point | 2212336 | 47295 | 58.9 | 13.573 | 809 | | .3 | 2.1 | 1.2 | .3 | | 23 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | JUL MONTH

PAGE 1 | 0000-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 116/116 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 114/113 | | | | | | | | | | | | | | | | | .2 | | 3 | 6 | | |
| 112/111 | | | | | | | | | | | | | | | | | .8 | | 7 | 7 | | |
| 110/109 | | | | | | | | | | | | | | .1 | .2 | .1 | 4.5 | | 43 | 43 | | |
| 108/107 | | | | | | | | | | | | | | .1 | .1 | .5 | 5.1 | | 53 | 53 | | |
| 106/105 | | | | | | | | | | | | | .2 | .2 | .5 | 2.2 | 13.2 | | 121 | 121 | | |
| 104/103 | | | | | | | | | | | | .4 | .5 | .7 | .9 | 2.3 | 5.8 | | 97 | 97 | | |
| 102/101 | | | | | | | | | | .1 | .2 | .2 | .5 | 2.1 | 2.7 | 4.1 | 6.8 | | 189 | 189 | | |
| 100/ 99 | | | | | | .1 | .2 | 1.3 | .8 | .5 | .9 | 2.1 | 3.1 | 3.3 | 3.1 | 4.5 | 5.4 | | 216 | 216 | | |
| 98/ 97 | | | | | | | .7 | .2 | .7 | .2 | .4 | .5 | 1.1 | .9 | .4 | 2.2 | 1.3 | | 73 | 73 | | |
| 96/ 95 | | | | .1 | | .5 | .5 | .7 | .5 | .2 | .5 | .8 | .9 | .2 | .8 | .4 | .5 | | 55 | 55 | | |
| 94/ 93 | | | | | .1 | .5 | .1 | | .1 | | | | .4 | .2 | .2 | | | | 14 | 14 | | |
| 92/ 91 | | | .1 | | .1 | | .1 | | | | .1 | | | .2 | | | | | 5 | 5 | | |
| 90/ 89 | | | | | | .1 | | | | .1 | | | .1 | | | | | | 3 | 3 | 2 | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | 7 | 2 |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | 22 | 1 |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | 24 | 5 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 29 | 24 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 39 | 13 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | 61 | 13 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 92 | 13 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 120 | 16 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 183 | 7 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 148 | 27 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 86 | 21 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 37 | 31 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 5 | 67 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 61 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 41 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 39 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 52 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 62 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 57 |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM AM 64 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 2 — 1811-1111 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| ≥ 47 | | | | | | | | | | | | | | | | | | | | | | 57 |
| 46 - 45 | | | | | | | | | | | | | | | | | | | | | | 39 |
| 44 - 43 | | | | | | | | | | | | | | | | | | | | | | 31 |
| 42 - 41 | | | | | | | | | | | | | | | | | | | | | | 34 |
| 40 - 39 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 38 - 37 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 36 - 35 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 34 - 33 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 32 - 31 | | | | | | | | | | | | | | | | | | | | | | 7 |
| ≤ 29 - 27 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | | .1 | .1 | .2 | 1.2 | 1.6 | 2.2 | 2.1 | 1.2 | 2.2 | 4.7 | 6.7 | 8.2 | 9.3 | 15.1 | 44.2 | | 352 | | 352 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5827427 | 23593 | 28.2 | 13.762 | 352 | | | | | | | |
| Dry Bulb | 3374347 | 36873 | 122.2 | 9.333 | 352 | | | 93.2 | 93.2 | 93.2 | 92.2 | 93 |
| Wet Bulb | 2753376 | 52232 | 73.1 | 9.259 | 352 | | | 88.5 | 43.2 | 11.1 | | 93 |
| Dew Point | 2732212 | 47736 | 56.3 | 11.321 | 352 | | .7 | 15.5 | 2.5 | .7 | | 93 |

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] A. JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JUL
STATION STATION NAME YEARS MONTH

PART I [illegible] HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | | |
| 119/117 | | | | | | | | | | | | | | | | | .7 | 6 | 6 | | | | | | |
| 117/115 | | | | | | | | | | | | | | | | | .7 | 6 | 6 | | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | 4.0 | 38 | 38 | | | | | | |
| 112/111 | | | | | | | | | | | | | | | | .2 | 7.1 | 41 | 41 | | | | | | |
| 110/109 | | | | | | | | | | | | | .1 | .2 | .5 | 1.1 | 16.1 | 150 | 150 | | | | | | |
| 108/107 | | | | | | | | | | | | .2 | .4 | .1 | 1.3 | 1.3 | 12.3 | 127 | 123 | | | | | | |
| 106/105 | | | | | | | | .1 | .1 | | | .4 | .8 | .4 | .3 | 3.7 | 14.9 | 177 | 177 | | | | | | |
| 104/103 | | | | | | .1 | | | | .1 | .4 | .7 | .7 | 1.1 | 1.1 | 1.9 | 3.7 | 32 | 32 | | | | | | |
| 102/101 | | | | | | | .1 | | .4 | .3 | .4 | 2.2 | .7 | 1.8 | 1.3 | 1.7 | 1.9 | 93 | 91 | | | | | | |
| 100/ 99 | | | | | | | .5 | .2 | .1 | .7 | 1.1 | 1.4 | 1.0 | .5 | 1.2 | 1.3 | .1 | 59 | 59 | | | | | | |
| 98/ 97 | | | | | | | | .1 | .1 | .4 | .4 | | | | | .2 | | 10 | 10 | | | | | | |
| 96/ 95 | | | | | | .1 | .4 | .1 | .4 | .1 | | | | .1 | | | | 13 | 13 | | | | | | |
| 94/ 93 | | | | | | .2 | | .1 | | | | | | | | .1 | | 4 | 4 | 2 | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | 19 | 7 | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | 18 | 6 | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | 43 | 9 | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 56 | 13 | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 52 | 15 | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 95 | 20 | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 181 | 27 | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 160 | 19 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 179 | 27 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 32 | 23 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 2 | 35 | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 51 | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 38 | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 40 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 41 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 24 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 75 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 57 | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41413 | AL JUBAYL/DHAHRAN, SAUDI ARABIA | 75-84 | JUL
STATION | STATION NAME | YEARS | MONTH

PART 2 | 1200-1400
HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 98/ 97 | | | | | | | | | | | | | | | | | | | | | | 47 |
| 96/ 95 | | | | | | | | | | | | | | | | | | | | | | 55 |
| 94/ 93 | | | | | | | | | | | | | | | | | | | | | | 25 |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | | | .5 | 1.1 | .7 | 1.1 | 2.2 | 2.2 | 4.9 | 3.7 | 4.2 | 5.1 | 11.3 | 62.3 | | 832 | | 832 | 832 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 436303 | 17855 | 21.5 | 11.522 | 831 | | | | | | | |
| Dry Bulb | 93397.1 | 93323 | 126.2 | 9.743 | 832 | | | 93.3 | 93.3 | 93.3 | 93.3 | 93 |
| Wet Bulb | 45.25382 | 61944 | 74.5 | 9.638 | 832 | | | 92.7 | 56.7 | 14.5 | .2 | 93 |
| Dew Point | 2736331 | 46715 | 56.5 | 11.369 | 832 | | .7 | 17.5 | 9.7 | 2.5 | | 93 |

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
USAF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41151 A. JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JUL
STATION STATION NAME YEARS MONTH

PART I 1201-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 115/115 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 114/113 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 112/111 | | | | | | | | | | | | | | | .1 | | 1.2 | 17 | 17 | | |
| 110/109 | | | | | | | | | | | | | | .2 | .3 | .1 | 5.3 | 49 | 49 | | |
| 108/107 | | | | | | | | | | | | .1 | .1 | .7 | .2 | .5 | 7.7 | 3. | 30 | | |
| 106/105 | | | | | | | | | | .1 | .1 | | 1.3 | .2 | .5 | 4.2 | 13.4 | 173 | 172 | | |
| 104/103 | | | | | | | | | | .1 | .2 | .7 | 1.6 | 1.2 | 1.3 | 3.2 | 7.3 | 125 | 123 | | |
| 102/101 | | | | | | | | | .2 | .1 | .5 | 1.7 | .3 | 3.4 | 3.4 | 3.5 | 3.5 | 144 | 144 | | |
| 100/ 99 | | | | | | .5 | 1.2 | .3 | .5 | 1.7 | 2.7 | 2.2 | 2.6 | 3.3 | 2.1 | 1.2 | 1.2 | 152 | 152 | | |
| 98/ 97 | | | | | .1 | .5 | .7 | .5 | .5 | .5 | .5 | .2 | .5 | .7 | .5 | .9 | | 50 | 51 | | |
| 96/ 95 | | | | | | .5 | .2 | .3 | .9 | .3 | .2 | .2 | .5 | .1 | .2 | | | 33 | 32 | | |
| 94/ 93 | | | | | | .5 | .2 | .1 | | .1 | .1 | | | | | | | 12 | 12 | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | 2 | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | 15 | 1 |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | 27 | 2 |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | 37 | 12 |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | 45 | 27 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | 54 | 13 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 84 | 16 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 122 | 16 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 154 | 28 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 172 | 33 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 110 | 42 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 14 | 17 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 13 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 22 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 59 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 65 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 51 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 59 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 51 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 22 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 49 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 44 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[41153] STATION | AL JUBAYL/JUBAYRAH SAUDI ARABIA STATION NAME | 75-84 YEARS | AL MONTH

...A : ... 1 | 0300-1100 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | |
| 110/109 | | | | | | | | | | | | | | | | | 1.6 | 14 | 14 | | | | | | |
| 108/107 | | | | | | | | | | | | | | | | .2 | 2.6 | 24 | 24 | | | | | | |
| 106/105 | | | | | | | | | | | | | .2 | | .2 | .6 | 5.6 | 57 | 57 | | | | | | |
| 104/103 | | | | | | | | | | | | .1 | .1 | .3 | .3 | .6 | 1.3 | 7.5 | 33 | 91 | | | | | |
| 102/101 | | | | | | | | .1 | .1 | .1 | .1 | 1.2 | .1 | 1.3 | 2.4 | 4.1 | 7.9 | 150 | 151 | | | | | | |
| 100/ 99 | | | | | | .1 | | .3 | .5 | .7 | 1.2 | 1.5 | 3.5 | 3.5 | 4.3 | 3.3 | 5.9 | 231 | 231 | | | | | | |
| 98/ 97 | | | | | | | .5 | | .2 | .1 | .8 | .9 | 1.5 | 1.3 | 1.7 | 1.9 | 1.2 | 51 | 51 | | | | | | |
| 96/ 95 | | | | .3 | .3 | 1.2 | 1.7 | .6 | .3 | 1.3 | 1.3 | 2.3 | 1.4 | .7 | 2.3 | 1.3 | 1.4 | 134 | 134 | | | | | | |
| 94/ 93 | | | | .2 | .1 | 1.4 | .2 | .2 | .1 | .3 | .2 | .3 | .3 | .6 | .5 | .2 | .2 | 44 | 44 | | | | | | |
| 92/ 91 | | | | .6 | .7 | .1 | | | | .3 | .1 | .1 | | .2 | .3 | .1 | | 22 | 22 | | | | | | |
| 90/ 89 | | | | .1 | | .1 | .1 | .1 | | | .1 | | .1 | | | | | 6 | 6 | 4 | | | | | |
| 88/ 87 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 13 | 4 | | | | |
| 86/ 85 | | .1 | | | | | | .1 | | | | | | | | | | 2 | 2 | 24 | 8 | | | | |
| 84/ 83 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 46 | 17 | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | 25 | 32 | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 24 | 21 | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 52 | 17 | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 58 | 6 | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 125 | 17 | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 153 | 15 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 109 | 10 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 124 | 10 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 45 | 8 | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 15 | 57 | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 11 | 41 | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 41 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 55 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 57 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 52 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 48 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 44 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 42 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 34 | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...RAL CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

40151 — STATION
AL JUBAY/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
AU — MONTH

PAGE 2 — 0311-0811 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 117 / 83 | | | | | | | | | | | | | | | | | | | | | 4 |
| 117 / 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 117 / 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 3.9 | 2.9 | 3.5 | 3.5 | 3.5 | 4.5 | 6.6 | 8.8 | 7.7 | 9.3 | 11.3 | 10.7 | 9.4 | 7.8 | 3.3 | 1.9 | | 321 | | 321 |
| | | | | | | | | | | | | | | | | | | 321 | | 321 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1333744 | 34193 | 41.6 | 22.359 | 321 | | | | | | | |
| Dry Bulb | 537872 | 71998 | 97.7 | 4.721 | 321 | | | 93.2 | 93.2 | 89.2 | 15.6 | 93 |
| Wet Bulb | 833337 | 57335 | 69.3 | 7.393 | 321 | | | 56.3 | 29.2 | 12.2 | | 93 |
| Dew Point | 2281343 | 47367 | 53.3 | 13.589 | 321 | | 1.1 | 25.5 | 15.7 | 5.5 | | 93 |

USAFETAC FORM 0-26-5 (OL A) AUG 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 STATION | AL JUBAY/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | APR MONTH

Page 1 | 0600-0830 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 100/99 | | | | | | | | | | | .1 | | | .1 | | .1 | .2 | 5 | 5 | | |
| 98/97 | | | | | | | | | .1 | .1 | .1 | | .2 | .2 | .1 | .7 | .4 | 17 | 17 | | |
| 96/95 | | | | | | .1 | | | .3 | .5 | .7 | .4 | 1.1 | .5 | 1.1 | .7 | .5 | 51 | 51 | | |
| 94/93 | | | | .1 | .2 | .4 | .1 | .1 | .2 | .5 | .4 | 1.0 | 1.5 | 1.1 | 1.7 | .5 | | 54 | 54 | | |
| 92/91 | | | .7 | .2 | .5 | .5 | .1 | .7 | 1.2 | 1.2 | 1.5 | 2.3 | .4 | 2.7 | 1.7 | .9 | .2 | 112 | 112 | | |
| 90/89 | | .2 | .1 | .2 | .2 | .2 | .1 | 1.0 | 1.5 | .9 | .5 | 1.3 | 1.3 | 1.1 | 1.2 | .2 | .4 | 97 | 97 | | |
| 88/87 | .1 | .7 | .2 | .5 | 1.1 | .2 | 1.1 | 1.2 | 1.7 | .5 | 1.2 | 1.2 | 2.2 | 2.7 | 1.2 | .1 | | 133 | 133 | 11 | 2 |
| 86/85 | .4 | .9 | .2 | .5 | .2 | .4 | .4 | .4 | .9 | .9 | 1.1 | 1.2 | 2.1 | .7 | .6 | | | 98 | 89 | 19 | 16 |
| 84/83 | .2 | 1.3 | .5 | .5 | .4 | .5 | .7 | 1.2 | .2 | 1.3 | 1.7 | 1.3 | 1.2 | .3 | .1 | | | 117 | 117 | 25 | 19 |
| 82/81 | .5 | .5 | .7 | .5 | .5 | .4 | 1.3 | 1.3 | 1.5 | 1.0 | 1.5 | 1.5 | .4 | | | | | 96 | 96 | 39 | 35 |
| 80/79 | .2 | .1 | | .1 | .4 | .2 | .1 | .4 | .1 | .5 | | .1 | | | | | | 20 | 23 | 24 | 23 |
| 78/77 | .1 | .1 | .2 | .1 | | .1 | .5 | .1 | .6 | .1 | | .1 | | | | | | 16 | 18 | 34 | 41 |
| 76/75 | | | | | | .4 | | .1 | | .1 | | | | | | | | 5 | 5 | 43 | 9 |
| 74/73 | | | | | | | | | | | | | | | | | | | | 52 | 22 |
| 72/71 | | | | | | | | | | | | | | | | | | | | 76 | 13 |
| 70/69 | | | | | | | | | | | | | | | | | | | | 73 | 26 |
| 68/67 | | | | | | | | | | | | | | | | | | | | 87 | 39 |
| 66/65 | | | | | | | | | | | | | | | | | | | | 113 | 32 |
| 64/63 | | | | | | | | | | | | | | | | | | | | 107 | 57 |
| 62/61 | | | | | | | | | | | | | | | | | | | | 70 | 33 |
| 60/59 | | | | | | | | | | | | | | | | | | | | 24 | 33 |
| 58/57 | | | | | | | | | | | | | | | | | | | | 7 | 36 |
| 56/55 | | | | | | | | | | | | | | | | | | | | 1 | 42 |
| 54/53 | | | | | | | | | | | | | | | | | | | | | 43 |
| 52/51 | | | | | | | | | | | | | | | | | | | | | 24 |
| 50/49 | | | | | | | | | | | | | | | | | | | | | 54 |
| 48/47 | | | | | | | | | | | | | | | | | | | | | 39 |
| 46/45 | | | | | | | | | | | | | | | | | | | | | 90 |
| 44/43 | | | | | | | | | | | | | | | | | | | | | 37 |
| 42/41 | | | | | | | | | | | | | | | | | | | | | 20 |
| 40/39 | | | | | | | | | | | | | | | | | | | | | 11 |
| 38/37 | | | | | | | | | | | | | | | | | | | | | 14 |
| 36/35 | | | | | | | | | | | | | | | | | | | | | 7 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | AUG MONTH

PAGE 2 | 0300-0600 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| [illegible] 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | 2.6 | 7.1 | 5.5 | 5.3 | 5.3 | 3.4 | 3.3 | 9.2 | 9.2 | 9.2 | 13.3 | 7.9 | 7.1 | 4.4 | 1.8 | .9 | .1 | 815 | 813 | 815 | 815 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2534223 | 81333 | 51.4 | 23.279 | 815 | | | | | | | |
| Dry Bulb | 3713531 | 59937 | 34.9 | 9.478 | 813 | | | 93.3 | 93.3 | 33.2 | 3.2 | 93 |
| Wet Bulb | 1192525 | 57927 | 71.2 | 5.795 | 815 | | | 69.4 | 34.3 | 13.2 | | 93 |
| Dew Point | 1224323 | 57853 | 52.8 | 12.255 | 815 | | .1 | 33.7 | 21.8 | 11.5 | | 93 |

USAFETAC FORM 0-26-5 (OL A) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 (STATION) AL JUBAYL/JUBAYRAH SAUDI ARABIA (STATION NAME) 75-84 (YEARS) JUL (MONTH)

PAGE 1 0300-0600 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110/ 99 | | | | | | | | | | | | | | | | .5 | | 4 | 4 | | |
| 108/ 97 | | | | | | | | | | | .1 | | | .2 | | .4 | .1 | 7 | 7 | | |
| 106/ 95 | | | | | | | | | | | | | .2 | .2 | .2 | | | 6 | 6 | | |
| 104/ 93 | | | | | | | | | | .1 | | .1 | .2 | .4 | .2 | | | 9 | 9 | | |
| 102/ 91 | | | | .1 | .4 | .1 | .1 | .2 | 1.0 | 1.2 | 1.1 | 1.2 | .6 | 1.0 | .5 | | | 50 | 57 | | |
| 100/ 89 | .1 | .5 | .5 | .1 | .5 | .2 | .2 | 1.1 | 1.3 | 1.1 | 1.2 | 1.3 | 1.5 | .7 | .5 | | | 91 | 92 | 1 | 1 |
| 98/ 87 | .2 | .9 | .4 | .5 | .4 | .2 | 1.3 | .5 | 1.1 | 1.3 | 1.6 | 1.5 | 1.3 | 1.3 | .1 | | | 102 | 102 | 7 | 5 |
| 96/ 85 | .5 | 1.5 | 1.3 | 1.1 | .7 | .4 | .7 | 1.5 | 1.3 | 1.2 | 2.2 | 1.5 | 2.1 | .2 | .2 | | | 113 | 134 | 13 | 17 |
| 94/ 83 | 1.1 | 1.8 | .4 | 1.0 | .9 | | 1.6 | 1.0 | 1.0 | 1.6 | 2.0 | 1.7 | .9 | .2 | | | | 123 | 123 | 35 | 24 |
| 92/ 81 | .1 | 1.5 | 1.5 | 1.7 | 1.6 | 1.1 | 2.7 | 2.5 | 2.2 | 2.2 | 1.5 | .5 | .3 | | | | | 153 | 153 | 35 | 32 |
| 90/ 79 | .2 | .9 | 1.2 | .7 | .5 | .5 | .9 | 1.3 | .5 | .4 | .4 | | | | | | | 58 | 58 | 32 | 26 |
| 88/ 77 | .2 | .1 | 1.2 | .7 | .9 | .5 | .7 | .4 | .5 | .2 | | | | | | | | 46 | 47 | 46 | 31 |
| 86/ 75 | | | | | | .1 | .2 | | .1 | .1 | | | | | | | | 5 | 5 | 53 | 27 |
| 84/ 73 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | 67 | 27 |
| 82/ 71 | | | | | | | | | | | | | | | | | | | | 81 | 36 |
| 80/ 69 | | | | | | | | | | | | | | | | | | | | 97 | 27 |
| 78/ 67 | | | | | | | | | | | | | | | | | | | | 95 | 41 |
| 76/ 65 | | | | | | | | | | | | | | | | | | | | 107 | 33 |
| 74/ 63 | | | | | | | | | | | | | | | | | | | | 83 | 68 |
| 72/ 61 | | | | | | | | | | | | | | | | | | | | 43 | 33 |
| 70/ 59 | | | | | | | | | | | | | | | | | | | | 15 | 65 |
| 68/ 57 | | | | | | | | | | | | | | | | | | | | 5 | 28 |
| 66/ 55 | | | | | | | | | | | | | | | | | | | | | 26 |
| 64/ 53 | | | | | | | | | | | | | | | | | | | | | 55 |
| 62/ 51 | | | | | | | | | | | | | | | | | | | | | 43 |
| 60/ 49 | | | | | | | | | | | | | | | | | | | | | 41 |
| 58/ 47 | | | | | | | | | | | | | | | | | | | | | 29 |
| 56/ 45 | | | | | | | | | | | | | | | | | | | | | 31 |
| 54/ 43 | | | | | | | | | | | | | | | | | | | | | 20 |
| 52/ 41 | | | | | | | | | | | | | | | | | | | | | 11 |
| 50/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 48/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

40450 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | AUG MONTH

PAGE 2 | 0000-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| TOTAL | 1.1 | 5.9 | 8.3 | 10.3 | 8.9 | 7.9 | 7.0 | 9.3 | 9.5 | 9.6 | 7.1 | 5.9 | 5.3 | 3.3 | .9 | .5 | | 799 | 799 | 799 | 799 | 799 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2352525 | 44521 | 55.7 | 21.534 | 799 | | | | | | | |
| Dry Bulb | 5391302 | 63545 | 85.5 | 4.899 | 802 | | | 93.2 | 93.2 | 35.2 | 5.8 | 93 |
| Wet Bulb | 4283513 | 58321 | 73.2 | 6.295 | 799 | | | 78.5 | 45.2 | 15.5 | | 93 |
| Dew Point | 3571257 | 52697 | 66.2 | 17.323 | 799 | | | 41.8 | 23.3 | 12.5 | | 93 |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41152 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | AU MONTH

 0000-2200 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 102/101 | | | | | | | | .1 | | | | | | | | | | | 1 | 1 | |
| 100/ 99 | | | | | | | | | | | | | | | | .2 | | | 2 | 2 | |
| 98/ 97 | | | | | | | | | | | .1 | | | | .1 | .1 | | | 3 | 3 | |
| 96/ 95 | | | | | | | | | | | .3 | .5 | .3 | .5 | .4 | .1 | | | 21 | 21 | |
| 94/ 93 | | | | | | | | | .3 | .4 | .5 | .5 | .3 | .1 | .1 | | | | 23 | 23 | |
| 92/ 91 | | | .3 | .3 | .5 | .5 | | .1 | 1.1 | 1.3 | .7 | 2.1 | .4 | 1.3 | | | | | 73 | 73 | |
| 90/ 89 | .1 | .4 | .3 | 1.3 | .5 | .4 | .1 | .9 | .5 | .9 | .3 | 1.5 | 1.1 | .5 | .1 | | | | 77 | 76 | 1 |
| 88/ 87 | .4 | 1.5 | 1.2 | 1.4 | 1.4 | .1 | .3 | 1.1 | 1.4 | .5 | 2.3 | 1.1 | 1.5 | .5 | .1 | | | | 122 | 122 | 13 |
| 86/ 85 | .1 | .6 | 1.5 | .4 | 1.5 | .3 | .9 | 1.3 | 1.3 | 1.0 | 1.5 | .5 | .9 | | | | | | 101 | 101 | 34 |
| 84/ 83 | .5 | 1.3 | 1.5 | 2.3 | 1.5 | .9 | 1.5 | 2.1 | 1.4 | 2.5 | .5 | .5 | .3 | | | | | | 137 | 133 | 34 |
| 82/ 81 | | 1.1 | 2.2 | 3.0 | 1.9 | 2.1 | 2.3 | 2.3 | 1.6 | 1.5 | .3 | .1 | | | | | | | 144 | 144 | 43 |
| 80/ 79 | | .6 | .9 | .6 | .9 | 1.3 | .9 | .9 | .3 | .1 | | | | | | | | | 56 | 55 | 45 |
| 78/ 77 | | .4 | .3 | .4 | .3 | 1.3 | .6 | .1 | .8 | | | | | | | | | | 39 | 40 | 56 |
| 76/ 75 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 68 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 95 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 33 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 109 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 95 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 80 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 33 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 14 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 1 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 35 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

403150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) JUL (MONTH)



ALL (HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .3 | 1.3 | 2.4 | 3.4 | 4.2 | 4.4 | 5.1 | 4.5 | 5.8 | 5.4 | 5.5 | 7.8 | 7.3 | 6.9 | 5.8 | 7.8 | 23.2 | 5571 | 5553 | 6673 | 66 |
| | | | | | | | | | | | | | | | | | | 5571 | | 6673 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 12332553 | 2429843 | 37.5 | 21.115 | 6673 | | | | | | | |
| Dry Bulb | 57795385 | 535739 | 95.2 | 8.497 | 6553 | | | 748.3 | 588.3 | 338.5 | 835.6 | 7 |
| Wet Bulb | 35261942 | 493223 | 73.5 | 5.928 | 6673 | | | 661.3 | 388.5 | 134.6 | .2 | 7 |
| Dew Point | 25322352 | 417324 | 61.2 | 12.321 | 6673 | | 1.7 | 283.5 | 159.5 | 58.8 | | 7 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41[illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JUL

STATION STATION NAME YEARS MONTH

PAGE 1 ALL HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 118/117 | | | | | | | | | | | | | | | | | .1 | 5 | 5 | | | |
| 116/115 | | | | | | | | | | | | | | | | | .1 | 3 | 3 | | | |
| 114/113 | | | | | | | | | | | | | | | | | .7 | 50 | 50 | | | |
| 112/111 | | | | | | | | | | | | | | | | .2 | 1.2 | 35 | 35 | | | |
| 110/109 | | | | | | | | | | | | | .2 | .1 | .1 | .2 | 3.2 | 242 | 242 | | | |
| 108/107 | | | | | | | | | | | | .2 | .1 | .1 | .2 | .3 | 3.3 | 267 | 268 | | | |
| 106/105 | | | | | | | | .2 | .2 | .2 | .2 | .3 | .3 | .1 | .2 | 1.3 | 5.2 | 473 | 473 | | | |
| 104/103 | | | | | | .2 | | | | .2 | .1 | .2 | .4 | .4 | .4 | 1.2 | 2.4 | 333 | 333 | | | |
| 102/101 | | | | | | | .2 | | .1 | .1 | .2 | .7 | .2 | 1.1 | 1.1 | 1.4 | 2.2 | 459 | 461 | | | |
| 100/ 99 | | | | | | .2 | .2 | .4 | .3 | .3 | .2 | 1.2 | 1.2 | 1.4 | 1.4 | 2.2 | 1.4 | 740 | 741 | | | |
| 98/ 97 | | | | | .2 | .1 | .3 | .1 | .4 | .3 | .4 | .2 | .6 | .7 | .6 | .8 | .2 | 325 | 327 | | | |
| 96/ 95 | | | | .2 | .2 | .3 | .4 | .3 | .2 | .6 | .5 | .7 | 1.3 | 1.2 | .5 | 1.1 | .5 | .3 | 530 | 530 | | | |
| 94/ 93 | | | | .1 | .4 | .5 | .4 | .3 | .4 | .6 | .5 | .5 | 1.1 | .5 | .3 | .1 | .2 | 394 | 396 | 2 | | |
| 92/ 91 | .2 | .2 | .3 | .3 | .5 | .3 | .2 | .3 | .5 | .3 | .7 | 1.2 | .3 | .7 | .5 | .2 | .2 | 527 | 526 | 2 | | |
| 90/ 89 | .3 | .1 | .1 | .7 | .5 | .7 | .4 | .3 | .5 | .6 | .5 | .7 | .5 | .6 | .2 | .1 | | 436 | 436 | 8 | | |
| 88/ 87 | .2 | .2 | .2 | .7 | .7 | .5 | .2 | .4 | .7 | .5 | .3 | .5 | .7 | .5 | .1 | | | 512 | 512 | 78 | | |
| 86/ 85 | .2 | .2 | .5 | .5 | .5 | .5 | .3 | .3 | .5 | .5 | .5 | .5 | .4 | .1 | .2 | | | 378 | 379 | 175 | | |
| 84/ 83 | .2 | .4 | .5 | .5 | .7 | .2 | 1.2 | .5 | .7 | .5 | .5 | .5 | .3 | .1 | | | | 465 | 465 | 301 | | |
| 82/ 81 | .1 | .4 | .5 | .5 | .5 | .4 | .2 | .5 | .5 | .3 | .3 | .2 | .2 | | | | | 337 | 337 | 420 | | |
| 80/ 79 | .2 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .2 | .2 | | | | | | 73 | 78 | 459 | | |
| 78/ 77 | | .1 | .2 | | .2 | .2 | .1 | .1 | .2 | .2 | | | | | | | | 22 | 22 | 513 | | |
| 76/ 75 | | | | | | | .2 | | | | | | | | | | | 3 | 3 | 620 | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 895 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 1117 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 907 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 519 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 358 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 241 | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 171 | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 35 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Tot |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

4[illegible] AL JUBAIL/DHAHRAN SAUDI ARABIA 75-84 J
STATION STATION NAME YEARS MON

PART B 2[illegible]
HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| TOTAL | .2 | 1.3 | 2.6 | 5.5 | 10.9 | 9.4 | 10.3 | 7.7 | 9.5 | 8.9 | 8.9 | 5.5 | 7.2 | 3.2 | 3.5 | 3.8 | 1.5 | 833 | 834 | 833 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 2354[illegible]7 | 41316 | 49.5 | 19.141 | 833 | | | | | | |
| Dry Bulb | 5349395 | 75505 | 90.5 | 4.123 | 834 | | | 93.3 | 93.2 | 92.8 | 28.3 |
| Wet Bulb | 3725722 | 52560 | 75.1 | 5.732 | 833 | | | 59.3 | 55.5 | 24.3 | |
| Dew Point | 3385143 | 55219 | 67.1 | 13.529 | 833 | | | 36.9 | 30.5 | 12.8 | |

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41151 — STATION
A. JUBAIL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
J — MON

PAGE 1 2177 HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 124/123 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | |
| 122/121 | | | | | | | | | | | | | | | | .5 | .5 | 8 | 8 | |
| 120/ 99 | | | | | | | | | .1 | .1 | .5 | | .2 | .2 | .7 | 1.8 | .7 | 38 | 38 | |
| 98/ 97 | | | | | | | | | .5 | .1 | | | .2 | .8 | 1.3 | .6 | .2 | 29 | 29 | |
| 96/ 95 | | | | | | .2 | .4 | .1 | 1.1 | .8 | .7 | 1.4 | 2.5 | .5 | 1.7 | .2 | .1 | 83 | 83 | |
| 94/ 93 | | | | .2 | .3 | 1.3 | .8 | .5 | .6 | .7 | 1.2 | .8 | 2.3 | 1.1 | .1 | | | 93 | 93 | |
| 92/ 91 | .1 | .1 | .6 | 1.1 | 1.4 | 2.5 | .8 | 2.2 | 1.3 | 2.3 | 2.2 | 2.3 | .5 | .4 | | .1 | | 153 | 153 | 1 |
| 90/ 89 | .1 | .1 | .2 | 1.2 | 2.5 | 2.3 | 1.7 | 1.1 | 2.2 | 1.1 | 1.8 | .8 | .4 | .2 | .1 | | | 136 | 136 | 2 |
| 88/ 87 | | .1 | .5 | 1.6 | 2.8 | 1.2 | 3.5 | 1.8 | 2.2 | 2.2 | 1.7 | .8 | .2 | | | | | 155 | 155 | 13 |
| 86/ 85 | | .1 | .7 | .2 | 1.4 | 1.1 | .5 | .3 | 1.1 | 1.2 | .5 | .3 | .1 | | | | | 67 | 68 | 24 |
| 84/ 83 | | .5 | .1 | .5 | 1.7 | .4 | 1.9 | .7 | .4 | .4 | .1 | | | | | | | 55 | 55 | 68 |
| 82/ 81 | | | | | | .2 | .2 | .2 | .1 | | .1 | | | | | | | 8 | 8 | 88 |
| 80/ 79 | | | | | .2 | | | | .1 | | | | | | | | | 3 | 3 | 62 |
| 78/ 77 | | | .1 | | | | | .1 | | | | | | | | | | 2 | 2 | 76 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 63 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 133 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 117 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 124 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 62 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 27 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 5 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | T |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) AX-84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

40416 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
J — MON

PAGE 2 1200 HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | |
| [illegible] | .1 | | .5 | 1.2 | 4.7 | 5.3 | 3.8 | 4.3 | 9.4 | 7.1 | 9.8 | 11.5 | 10.2 | 8.7 | 9.5 | 7.7 | 5.8 | 349 | 351 | 349 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 1334834 | 33252 | 39.2 | 15.533 | 849 | | | | | | |
| Dry Bulb | 734353 | 81627 | 95.9 | 8.225 | 851 | | | 93.3 | 93.3 | 93.3 | 74.7 |
| Wet Bulb | 8357937 | 94083 | 75.5 | 4.931 | 849 | | | 92.9 | 53.2 | 21.5 | |
| Dew Point | 3673363 | 55245 | 55.1 | 9.918 | 849 | | | 38.8 | 28.5 | 7.5 | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41150 (STATION) AL JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

 193 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | Dry Bulb | TOTAL Wet Bul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 108/102 | | | | | | | | | | | | | .1 | | | | .1 | | 2 | 2 | |
| 102/100 | | | | | | | | | | | | | | | | .2 | .2 | | 4 | 4 | |
| 99/ 97 | | | | | | | | | | | | | .2 | .1 | .4 | .5 | 1.5 | | 24 | 24 | |
| 96/ 94 | | | | | | | | | .1 | | .2 | .3 | .1 | 1.1 | 1.1 | 1.5 | 2.5 | | 54 | 55 | |
| 93/ 91 | | | | | | | | .1 | .5 | .4 | 2.4 | 2.5 | 2.8 | 3.3 | 4.9 | 4.7 | 1.3 | | 194 | 194 | |
| 90/ 88 | | | | | | .1 | .5 | | 1.2 | .9 | 1.7 | .8 | 1.9 | 2.4 | 1.5 | .5 | | | 95 | 96 | |
| 87/ 85 | | | | | .2 | 1.1 | .4 | .5 | 3.7 | 1.5 | 2.7 | 4.7 | 3.1 | 1.3 | 1.5 | | | | 180 | 180 | |
| 84/ 82 | | | | .2 | 1.2 | .2 | 1.4 | .2 | 1.4 | 1.3 | 1.2 | 1.3 | 1.2 | .4 | | | | | 112 | 112 | |
| 81/ 79 | .1 | | .4 | .5 | 1.4 | 2.6 | .6 | 1.9 | 1.9 | 1.5 | .8 | .8 | .1 | .2 | | | | | 110 | 110 | |
| 78/ 76 | | | .1 | .4 | .4 | .2 | .4 | .4 | .6 | .7 | .4 | .6 | | | | | | | 42 | 42 | |
| 75/ 73 | | | | .1 | .6 | .4 | .1 | .1 | .1 | .2 | .1 | | | | | | | | 15 | 15 | |
| 72/ 70 | | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 |
| 69/ 67 | | | | | | | | | | | | | | | | | | | | | 4 |
| 66/ 64 | | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 6 |
| 63/ 61 | | | | | | | | | | | | | | | | | | | | | 9 |
| 60/ 58 | | | | | | | | | | | | | | | | | | | | | 3 |
| 57/ 55 | | | | | | | | | | | | | | | | | | | | | 10 |
| 54/ 52 | | | | | | | | | | | | | | | | | | | | | 14 |
| 51/ 49 | | | | | | | | | | | | | | | | | | | | | 17 |
| 48/ 46 | | | | | | | | | | | | | | | | | | | | | 11 |
| 45/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 40 | | | | | | | | | | | | | | | | | | | | | |
| 39/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 34 | | | | | | | | | | | | | | | | | | | | | |
| 33/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 28 | | | | | | | | | | | | | | | | | | | | | |
| 27/ 25 | | | | | | | | | | | | | | | | | | | | | |
| 24/ 22 | | | | | | | | | | | | | | | | | | | | | |
| 21/ 19 | | | | | | | | | | | | | | | | | | | | | |
| 18/ 16 | | | | | | | | | | | | | | | | | | | | | |
| 15/ 13 | | | | | | | | | | | | | | | | | | | | | |
| 12/ 10 | | | | | | | | | | | | | | | | | | | | | |
| 9/ 7 | | | | | | | | | | | | | | | | | | | | | |
| 6/ 4 | | | | | | | | | | | | | | | | | | | | | |
| 3/ 1 | | | | | | | | | | | | | | | | | | | | | |
| -0/ -2 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

41152 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PAGE 1 15 HOU

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb Wet B |
| 46/ 45 | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | |
| TOTA | | | | | | .1 | 1.5 | 2.2 | 2.2 | 2.5 | 2.3 | 3.4 | 5.8 | 6.9 | 9.1 | 9.7 | 14.3 | 42.2 | 359 |
| | | | | | | | | | | | | | | | | | | 358 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 783338 | 22565 | 26.9 | 13.113 | 353 | | | | | | |
| Dry Bulb | 2143792 | 38553 | 123.1 | 4.334 | 359 | | | 93.3 | 93.3 | 93.3 | 93.3 |
| Wet Bulb | 9355791 | 54427 | 75.1 | 4.737 | 353 | | | 93.3 | 59.7 | 17.6 | |
| Dew Point | 3153445 | 51253 | 59.9 | 13.634 | 358 | | | 22.9 | 12.9 | 5.1 | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SU

41452 STATION — AL JUBAY/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS

PAGE 2

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | Dry Bulb | We |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120/ 48 | | | | | | | | | | | | | | | | | | | | |
| 110/ 89 | | | | | | | | | | | | | | | | | | | | |
| 100/ 97 | | | | | | | | | | | | | | | | | | | | |
| 90/ 95 | | | | | | | | | | | | | | | | | | | | |
| 80/ 85 | | | | | | | | | | | | | | | | | | | | |
| 70/ 71 | | | | | | | | | | | | | | | | | | | | |
| 60/ 54 | | | | | | | | | | | | | | | | | | | | |
| 50/ 37 | | | | | | | | | | | | | | | | | | | | |
| 40/ 25 | | | | | | | | | | | | | | | | | | | | |
| 30/ 21 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .7 | | 1.7 | 1.2 | 2.3 | 2.7 | 2.3 | 1.4 | 2.7 | 4.2 | 5.2 | 7.3 | 7.9 | 11.8 | 13.5 | 34.2 | | 858 | | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 334992 | 23753 | 27.7 | 15.235 | 858 | | | | | | |
| Dry Bulb | 9556718 | 85724 | 99.9 | 4.291 | 960 | | | 93.2 | 93.2 | 93.2 | 89.4 |
| Wet Bulb | 5577134 | 62582 | 73.1 | 5.697 | 958 | | | 85.2 | 83.5 | 14.2 | |
| Dew Point | 2245138 | 49097 | 57.2 | 12.527 | 958 | | 1.5 | 19.1 | 13.1 | 5.8 | |

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

41461 — STATION
A. JUBAY/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PAGE 1 — 12 HOUR

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOT Dry Bulb | TOT Wet B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 116/115 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 114/113 | | | | | | | | | | | | | | | | | 1.6 | 12 | 12 | |
| 112/111 | | | | | | | | | | | | | | | | .1 | 2.4 | 21 | 21 | |
| 110/109 | | | | | | | | | | | | | | | .2 | .8 | 5.6 | 51 | 51 | |
| 108/107 | | | | | | | | | | | | | | .4 | .2 | .2 | 9.8 | 93 | 93 | |
| 106/105 | | | | | | | | | | | .1 | .1 | .1 | .5 | 1.1 | 2.8 | 13.5 | 206 | 206 | |
| 104/103 | | | | | | | | | | | .2 | .3 | .7 | 1.3 | 2.2 | 3.3 | 9.6 | 159 | 159 | |
| 102/101 | | | | | | | | | .5 | .2 | .5 | 1.5 | .2 | 2.7 | 3.8 | 2.9 | 5.6 | 148 | 148 | |
| 100/ 99 | | | | | | | .6 | 1.1 | 1.1 | .3 | 1.6 | 1.4 | 1.6 | 2.6 | 1.8 | .4 | .7 | 117 | 118 | |
| 98/ 97 | | | | | .1 | .5 | .2 | .2 | .4 | .1 | .4 | | .3 | .5 | .2 | | | 26 | 25 | |
| 96/ 95 | | | | | | | | .2 | .4 | .1 | | .4 | | | | | | 9 | 9 | |
| 94/ 93 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 1 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 1 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 2 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 1 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

PAGE 3 — 12 HOUR

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| ≥ 47 / 45 | | | | | | | | | | | | | | | | | | | | |
| 46 / 43 | | | | | | | | | | | | | | | | | | | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | .1 | .5 | .5 | 1.5 | 2.4 | 1.4 | 2.3 | 4.2 | 4.3 | 7.7 | 9.5 | 13.6 | 54.8 | 852 | 851 | 85 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel Hum. | 561953 | 13851 | 22.9 | 11.751 | 851 | | | | | | |
| Dry Bulb | 9253214 | 38912 | 139.2 | 3.513 | 852 | | | 93.3 | 93.3 | 93.3 | 92.9 |
| Wet Bulb | 4391137 | 53761 | 74.1 | 4.529 | 851 | | | 92.3 | 51.5 | 13.4 | |
| Dew Point | 2376432 | 43252 | 56.7 | 13.378 | 851 | | .8 | 16.7 | 2.9 | 3.7 | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41152 (STATION) A. JUBAYL/DHAHRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

PAGE 1 (HOURS)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | .2 | | | 2 | 2 | |
| 112/111 | | | | | | | | | | | | | | | | .1 | .3 | | | 8 | 5 | |
| 110/109 | | | | | | | | | | | | | | | | | .9 | | | 7 | 7 | |
| 108/107 | | | | | | | | | | | | | | | .2 | | 3.2 | | | 32 | 32 | |
| 106/105 | | | | | | | | | | | | | .3 | .2 | .9 | 1.7 | 9.1 | | | 108 | 108 | |
| 104/103 | | | | | | | | | | .1 | .1 | .1 | .7 | 1.1 | 1.1 | 1.7 | 8.2 | | | 114 | 114 | |
| 102/101 | | | | | | | | .1 | .1 | .9 | .1 | 2.2 | .3 | 1.6 | 3.8 | 4.9 | 7.3 | | | 195 | 195 | |
| 100/ 99 | | | | | | | .1 | 1.3 | .8 | 1.1 | 2.1 | 2.1 | 3.3 | 3.7 | 3.8 | 5.4 | 2.4 | | | 247 | 248 | |
| 98/ 97 | | | | | .1 | .5 | 1.1 | .3 | 1.3 | 1.1 | .9 | .5 | 1.7 | 2.1 | 1.1 | .3 | .1 | | | 96 | 96 | |
| 96/ 95 | | | | | .2 | .9 | 1.3 | .5 | 1.4 | 1.1 | .5 | 1.3 | .1 | .3 | | | | | | 56 | 56 | |
| 94/ 93 | | | | | | .2 | .1 | | .2 | | | .2 | | | | | | | | 7 | 7 | |
| 92/ 91 | | | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | |
| 90/ 89 | | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
MO

PAGE 2 — 1500 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .6 | 1.9 | 2.6 | 1.9 | 3.6 | 4.3 | 3.6 | 6.4 | 7.3 | 9.3 | 12.1 | 15.1 | 32.0 | | | | | 875 | | |
| | | | | | | | | | | | | | | | | | | 875 | | 875 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 353353 | 24453 | 28.0 | 13.331 | 875 | | | | | | |
| Dry Bulb | 3321358 | 33592 | 101.2 | 3.681 | 875 | | | 93.3 | 93.3 | 33.3 | 92.6 |
| Wet Bulb | 3382383 | 55221 | 74.5 | 4.393 | 875 | | | 22.8 | 52.7 | 17.3 | |
| Dew Point | 3225304 | 52282 | 59.8 | 10.356 | 875 | | .3 | 23.8 | 18.3 | 5.5 | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41150 STATION — AL JUBAYL/CHARRAN SAUDI ARABIA STATION NAME — 75-83 YEARS — A MO

PAGE 1 — 1377 HOURS (

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 117/111 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | |
| 115/105 | | | | | | | | | | | | | | | .1 | | | | 1 | 1 | |
| 103/101 | | | | | | | | | | | | .2 | .2 | .2 | | .1 | .1 | | 13 | 15 | |
| 100/ 99 | | | | | | | | .2 | .5 | .1 | .5 | 1.3 | 1.3 | 1.6 | 2.8 | 2.9 | 1.7 | | 111 | 111 | |
| 98/ 97 | | | | | | .1 | .5 | .1 | .5 | .5 | 1.2 | 1.4 | 1.9 | 2.4 | 2.3 | 1.2 | .2 | | 123 | 127 | |
| 96/ 95 | | | | .1 | .5 | 1.2 | 1.5 | 1.5 | 2.4 | 1.7 | 1.9 | 7.2 | 3.7 | 1.1 | 1.9 | .2 | | | 239 | 239 | |
| 94/ 93 | | | .1 | .4 | 1.4 | 1.2 | 1.6 | 1.4 | .8 | 2.3 | 1.9 | 1.7 | 1.7 | .2 | | | | | 171 | 122 | |
| 92/ 91 | | .2 | .7 | 1.1 | 3.3 | 2.2 | .5 | 4.3 | 2.4 | 2.5 | 1.5 | 1.7 | .1 | | | | | | 166 | 166 | |
| 90/ 89 | | .2 | | .2 | 1.1 | .6 | 1.2 | 1.3 | 1.3 | 1.2 | .7 | .1 | | | | | | | 69 | 73 | 4 |
| 88/ 87 | | .1 | | .2 | .8 | .2 | 1.3 | .7 | .7 | .1 | .1 | .1 | | | | | | | 35 | 35 | 16 |
| 86/ 85 | | | | | | .1 | | | .1 | | | | | | | | | | 2 | 2 | 42 |
| 84/ 83 | | | | .1 | | | .1 | | | | | | | | | | | | 2 | 2 | 65 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 52 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 92 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | 84 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 125 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 144 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 115 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 92 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 34 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 9 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

403150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | A MONTH

 1800-2 HOURS (L. S

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| TOTAL | | .5 | .8 | 2.3 | 5.8 | 5.5 | 6.5 | 9.4 | 8.4 | 8.2 | 8.3 | 13.8 | 9.4 | 5.5 | 7.1 | 4.3 | 2.3 | | 833 | 833 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Tota |
| Rel. Hum. | 1363283 | 35525 | 42.7 | 17.543 | 833 | | | | | | | |
| Dry Bulb | 7427144 | 73793 | 94.1 | 3.517 | 837 | | | 93.7 | 93.7 | 93.7 | 62.4 | |
| Wet Bulb | 4323516 | 53263 | 75.2 | 5.279 | 833 | | | 92.1 | 65.2 | 23.6 | | |
| Dew Point | 3317239 | 55755 | 66.9 | 13.137 | 833 | | | 48.5 | 31.7 | 13.3 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAI

41416 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
AUG — MONTH

PAGE 1
2100-23 HOURS (L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 100/ 99 | | | | | | | | | | | | | .1 | | | .5 | .4 | | 5 | 3 | | |
| 98/ 97 | | | | | | | | | | | .2 | | .4 | .1 | .4 | .5 | .4 | | 17 | 17 | | |
| 96/ 95 | | | | | .1 | .2 | .2 | | .1 | | .4 | 2.2 | 1.4 | 1.3 | .5 | .5 | | | 59 | 59 | | |
| 94/ 93 | | | | .2 | .7 | .5 | | .1 | .5 | .3 | 1.2 | 1.2 | 1.4 | .6 | .2 | | | | 70 | 71 | | |
| 92/ 91 | | .2 | 1.1 | 1.3 | 3.1 | 1.4 | .5 | 1.4 | 1.3 | 2.3 | 1.8 | 1.7 | .7 | .3 | | | | | 103 | 103 | | |
| 90/ 89 | .1 | 1.2 | .4 | 1.7 | 1.3 | 1.2 | .3 | 1.7 | 1.3 | 1.9 | .7 | 1.3 | .4 | .5 | | | | | 115 | 115 | 3 | |
| 88/ 87 | .2 | .6 | 1.4 | 3.5 | 3.8 | 2.3 | 3.7 | 1.9 | 1.9 | 1.4 | 2.5 | .6 | .1 | | | | | | 203 | 203 | 25 | |
| 86/ 85 | | .1 | .5 | .4 | 1.9 | 2.4 | 1.2 | 1.1 | .8 | .2 | .1 | | | | | | | | 73 | 73 | 36 | |
| 84/ 83 | | .2 | .2 | 1.2 | 1.4 | 1.1 | 2.4 | 1.1 | 1.2 | 1.2 | .1 | | | | | | | | 85 | 85 | 53 | |
| 82/ 81 | | .2 | .3 | 1.2 | 1.2 | .5 | .8 | 1.2 | .1 | .5 | | | | | | | | | 52 | 52 | 44 | |
| 80/ 79 | | | .1 | .1 | .2 | .2 | | | | | | | | | | | | | 6 | 6 | 73 | |
| 78/ 77 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 77 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 88 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 114 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 113 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 93 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 61 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 26 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 4 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .4 | 2.5 | 4.5 | 9.4 | 13.7 | 10.3 | 9.7 | 8.3 | 7.4 | 9.2 | 7.9 | 5.5 | 4.5 | 3.4 | 1.2 | 1.5 | .7 | | 834 | 335 | 834 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2387819 | 45351 | 55.7 | 19.791 | 834 | | | | | | | |
| Dry Bulb | 551298? | 74233 | 88.9 | 3.373 | 335 | | | 23.2 | 23.2 | 22.6 | 17.3 | |
| Wet Bulb | 879257? | 63235 | 75.6 | 5.828 | 334 | | | 89.7 | 60.2 | 24.5 | | |
| Dew Point | 4343223 | 57415 | 68.8 | 17.255 | 834 | | | 52.3 | 36.5 | 17.7 | | |

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41153 (STATION) AL JUBAYL/JHARRAN SAUDI ARABIA (STATION NAME) 75-84 (YEARS) AUG (MONTH)



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Pt |
| 116/116 | | | | | | | | | | | | | | | | | .2 | 1 | 1 | | |
| 114/113 | | | | | | | | | | | | | | | | | .2 | 14 | 14 | | |
| 112/111 | | | | | | | | | | | | | | | | .3 | .7 | .4 | 30 | 30 | |
| 110/109 | | | | | | | | | | | | | | | | .3 | .7 | 1.2 | 82 | 82 | |
| 108/107 | | | | | | | | | | | | | | | .7 | .1 | .1 | 2.0 | 144 | 144 | |
| 106/105 | | | | | | | | | | | .2 | .2 | .2 | .1 | .3 | .7 | 4.2 | 372 | 372 | | |
| 104/103 | | | | | | | | | | .7 | .1 | .1 | .2 | .4 | .5 | .9 | 3.2 | 363 | 364 | | |
| 102/101 | | | | | | | | .3 | .1 | .1 | .1 | .7 | .1 | .7 | 1.3 | 1.5 | 2.3 | 499 | 502 | | |
| 100/ 99 | | | | | | .7 | .1 | .4 | .4 | .4 | .7 | .8 | 1.4 | 1.5 | 1.7 | 1.9 | 1.6 | 725 | 727 | | |
| 98/ 97 | | | | | .2 | .1 | .3 | .1 | .3 | .3 | .5 | .4 | .7 | .9 | .7 | .7 | .3 | 353 | 353 | | |
| 96/ 95 | | | | .1 | .1 | .4 | .6 | .4 | .5 | .5 | .5 | 1.7 | 1.1 | .6 | .8 | .4 | .3 | 555 | 555 | | |
| 94/ 93 | | | .2 | .1 | .3 | .5 | .3 | .2 | .3 | .5 | .6 | .6 | .7 | .4 | .3 | .1 | .2 | 338 | 341 | | |
| 92/ 91 | | .1 | .3 | .5 | 1.3 | .6 | .1 | .3 | .9 | 1.1 | .9 | 1.1 | .3 | .7 | .3 | .1 | .2 | 594 | 594 | | |
| 90/ 89 | .2 | .3 | .2 | .6 | .6 | .3 | .3 | .7 | .7 | .7 | .6 | .6 | .6 | .4 | .2 | .2 | .2 | 456 | 459 | 17 | |
| 88/ 87 | .1 | .5 | .4 | .3 | .9 | .4 | .9 | .7 | .8 | .4 | 1.3 | .6 | .6 | .6 | .2 | .2 | | 593 | 593 | 107 | 4 |
| 86/ 85 | .1 | .4 | .4 | .3 | .6 | .5 | .4 | .6 | .5 | .4 | .6 | .4 | .6 | .1 | .1 | | | 399 | 403 | 223 | 5 |
| 84/ 83 | .2 | .6 | .3 | .7 | .5 | .3 | .8 | .6 | .5 | .3 | .5 | .6 | .3 | .1 | .2 | | | 456 | 457 | 357 | 17 |
| 82/ 81 | .1 | .4 | .6 | .7 | .6 | .6 | .9 | .9 | .7 | .6 | .4 | .3 | .1 | | | | | 442 | 442 | 324 | 32 |
| 80/ 79 | .1 | .2 | .3 | .2 | .3 | .3 | .2 | .4 | .1 | .1 | .3 | .2 | | | | | | 149 | 149 | 366 | 19 |
| 78/ 77 | .2 | .1 | .3 | .1 | .2 | .2 | .2 | .1 | .2 | .3 | | .2 | | | | | | 104 | 105 | 457 | 25 |
| 76/ 75 | | | | | | .1 | .2 | .2 | .2 | .3 | | | | | | | | 11 | 11 | 591 | 15 |
| 74/ 73 | | | | | | | .2 | .2 | | | | | | | | | | 2 | 2 | 907 | 29 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 1022 | 21 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 855 | 26 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 540 | 29 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 397 | 25 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 241 | 61 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 138 | 35 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 40 | 41 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 13 | 32 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 31 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 31 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 31 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41152 STATION | A. JIDDAH/OBHARA, SAUDI ARABIA STATION NAME | 75-84 YEARS | AUG MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Poi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45/ 47 | | | | | | | | | | | | | | | | | | | | 24 |
| 43/ 45 | | | | | | | | | | | | | | | | | | | | 32 |
| 41/ 43 | | | | | | | | | | | | | | | | | | | | 14 |
| 39/ 41 | | | | | | | | | | | | | | | | | | | | 12 |
| 37/ 39 | | | | | | | | | | | | | | | | | | | | 4 |
| 35/ 37 | | | | | | | | | | | | | | | | | | | | 3 |
| 33/ 35 | | | | | | | | | | | | | | | | | | | | 1 |
| 31/ 33 | | | | | | | | | | | | | | | | | | | | 1 |
| 29/ 31 | | | | | | | | | | | | | | | | | | | | 1 |
| 27/ 29 | | | | | | | | | | | | | | | | | | | | 1 |
| 25/ 27 | | | | | | | | | | | | | | | | | | | | |
| 23/ 25 | | | | | | | | | | | | | | | | | | | | |
| 21/ 23 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .7 | 2.5 | 2.4 | 4.1 | 5.2 | 9.4 | 5.2 | 2.9 | 5.1 | 6.2 | 5.3 | 7.8 | 7.3 | 5.3 | 5.6 | 5.4 | 15.3 | 6586 | 6721 | 6585 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1829353.1 | 273787. | 41.5 | 22.32 | 6585 | | | | | | | |
| Dry Bulb | 5999327. | 525315. | 93.5 | 8.21 | 6721 | | | 744.2 | 744.2 | 722.7 | 3.5 | 74 |
| Wet Bulb | 3527263. | 473753. | 73.9 | 5.18 | 6585 | | | 551.5 | 382.7 | 134.8 | | 74 |
| Dew Point | 2567276. | 413218. | 62.7 | 12.32 | 6585 | | 3.7 | 255.5 | 157.5 | 77.3 | | 74 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

404150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | SEP MONTH

PAGE 1 | 0300-0300 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 96/ 95 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | .1 | | | | | | .4 | | | | | | 4 | 4 | | |
| 90/ 89 | | | .1 | .1 | | | | | .4 | .5 | .8 | | .5 | .1 | | | | 21 | 21 | | |
| 88/ 87 | | .5 | 1.3 | .5 | .4 | .5 | .5 | .3 | .3 | .5 | .3 | .3 | .1 | .1 | | | | 46 | 42 | | |
| 86/ 85 | | 1.7 | 2.2 | .5 | .5 | .5 | .3 | .4 | .3 | .4 | .3 | .1 | .4 | | | | | 58 | 58 | 8 | 2 |
| 84/ 83 | .5 | 3.3 | 4.5 | 4.1 | 1.1 | .9 | .5 | .3 | .5 | .9 | .4 | .1 | .3 | | | | | 144 | 144 | 29 | 10 |
| 82/ 81 | .5 | 3.4 | 7.1 | 3.9 | 1.3 | 2.3 | 1.5 | 1.3 | 1.0 | 1.9 | .5 | .1 | | | | | | 209 | 209 | 56 | 34 |
| 80/ 79 | .1 | 2.9 | 3.3 | 2.2 | 1.3 | 1.5 | 1.5 | 1.1 | .4 | .4 | | | | | | | | 117 | 119 | 93 | 67 |
| 78/ 77 | 1.0 | 2.4 | 3.0 | 4.2 | 2.2 | 1.1 | 1.8 | .5 | .1 | | | | | | | | | 179 | 178 | 123 | 109 |
| 76/ 75 | .3 | .3 | .9 | 1.1 | .5 | .5 | .1 | .1 | .1 | | | | | | | | | 35 | 35 | 83 | 52 |
| 74/ 73 | .1 | .5 | .3 | .3 | .1 | .1 | .4 | | | | | | | | | | | 18 | 18 | 82 | 57 |
| 72/ 71 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | 75 | 49 |
| 70/ 69 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 73 | 49 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 45 | 33 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 55 | 32 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 25 | 54 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 10 | 25 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 33 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 2 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 17 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTA | 2.7 | 15.3 | 24.8 | 17.5 | 7.4 | 7.7 | 6.7 | 4.3 | 4.1 | 4.3 | 2.4 | 1.1 | 1.4 | .5 | | | | 789 | 791 | 789 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4343677 | 55585 | 71.7 | 19.23 | 782 | | | | | | | |
| Dry Bulb | 5248593 | 64335 | 81.3 | 3.911 | 791 | | | 90.3 | 83.7 | 53.3 | 1. | 92 |
| Wet Bulb | 4359161 | 58505 | 74.2 | 5.740 | 789 | | | 79.5 | 55.5 | 17.9 | | 42 |
| Dew Point | 3252776 | 55883 | 72.3 | 9.188 | 789 | | | 52.5 | 45.5 | 13.8 | | 22 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] A. JIDDAH/KHARRAH SAUDI ARABIA 75-84 SEP
STATION STATION NAME YEARS MONTH

Page 1 0300-0900
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | | | | | |
| 98/ 97 | | | | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | .1 | | | | | | .1 | | .1 | .1 | | | | | | | | 4 | 4 | | |
| 90/ 89 | | | | .1 | .1 | | | .4 | | .3 | | | .3 | .3 | | | | | | | | 11 | 11 | | |
| 88/ 87 | | .4 | .3 | .1 | .1 | | .5 | .1 | .4 | .3 | | | .4 | .5 | .1 | | | | | | | 25 | 26 | | |
| 86/ 85 | | .9 | 1.6 | | .5 | .3 | .3 | .5 | .1 | .4 | .4 | .3 | .3 | .1 | .1 | | | | | | | 54 | 54 | 3 | 2 |
| 84/ 83 | .4 | 2.1 | 2.3 | .5 | .5 | .4 | .5 | .3 | .3 | .4 | .3 | .3 | .4 | | | | | | | | | 73 | 74 | 15 | 13 |
| 82/ 81 | 1.6 | 4.9 | 4.3 | 2.4 | .6 | 1.1 | 2.7 | .9 | 1.5 | 1.3 | 1.3 | .9 | .3 | | | | | | | | | 122 | 125 | 51 | 37 |
| 80/ 79 | 1.3 | 3.4 | 2.9 | 1.5 | 1.1 | 1.4 | 1.3 | .2 | 1.1 | .9 | .5 | | | | | | | | | | | 127 | 127 | 77 | 56 |
| 78/ 77 | 2.6 | 4.9 | 4.5 | 3.3 | 1.3 | 1.3 | 1.4 | 1.5 | 1.4 | .6 | .4 | | | | | | | | | | | 186 | 186 | 92 | 63 |
| 76/ 75 | .4 | 2.1 | 1.3 | 1.5 | .5 | 1.1 | 1.1 | .3 | .1 | .1 | | | | | | | | | | | | 77 | 77 | 97 | 71 |
| 74/ 73 | .4 | 1.4 | .5 | 1.3 | .1 | .6 | .5 | .4 | .3 | .1 | | | | | | | | | | | | 42 | 42 | 93 | 63 |
| 72/ 71 | | .5 | .5 | .3 | | .3 | .1 | | | | | | | | | | | | | | | 12 | 13 | 76 | 77 |
| 70/ 69 | .1 | | .4 | .1 | | | | .1 | | | | | | | | | | | | | | 6 | 6 | 69 | 47 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | 52 | 47 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | 46 | 33 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | 57 | 43 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | 39 | 27 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | 5 | 19 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5.9 | 27.5 | 18.5 | 11.7 | 5.9 | 5.9 | 8.1 | 5.3 | 5.3 | 4.3 | 2.9 | 1.4 | 1.5 | 1.1 | .3 | | | | | | | 795 | 799 | 795 | 791 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4332367 | 552292 | 70.8 | 22.547 | 795 | | | | | | | |
| Dry Bulb | 5292563 | 637231 | 79.7 | 3.975 | 799 | | | 793.2 | 387.9 | 95.5 | .1 | 2 |
| Wet Bulb | 4139192 | 57473 | 72.3 | 6.532 | 795 | | | 710.2 | 48.5 | 13.4 | | 9 |
| Dew Point | 3749252 | 53322 | 67.8 | 13.933 | 795 | | | 556.5 | 338.3 | 9.7 | | 5 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41432 STATION | AL JUBAYL/JAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | SEP MONTH

PAGE 1 | 0600-0900 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 97 / 97 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 95 / 96 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 94 / 92 | | | | | .1 | .3 | | | | .1 | | .1 | .1 | .1 | .1 | .3 | | 10 | 13 | | |
| 92 / 91 | | | | .1 | .5 | .4 | | .1 | .5 | | .4 | .3 | .3 | .5 | | | | 26 | 26 | | |
| 90 / 89 | | | | .5 | .3 | | .1 | .5 | | .4 | .1 | .5 | .6 | .3 | .3 | .1 | | 23 | 23 | | |
| 88 / 87 | | .3 | 1.3 | .3 | 1.3 | .4 | 1.4 | .5 | 1.2 | .4 | .6 | 1.2 | 1.7 | 1.2 | .4 | | | 25 | 25 | | |
| 86 / 85 | | .4 | 1.7 | | .4 | .5 | .4 | .3 | .3 | .3 | .5 | .9 | .8 | .3 | .1 | | | 53 | 53 | 9 | 9 |
| 84 / 83 | .3 | 1.4 | 1.3 | 1.5 | 1.3 | .4 | 1.2 | 1.4 | .5 | .3 | .2 | 1.5 | 1.5 | .3 | | | | 112 | 113 | 31 | 11 |
| 82 / 81 | 1.7 | 3.3 | 3.9 | 1.3 | 1.3 | .9 | 1.9 | 1.3 | 1.7 | 1.3 | 2.9 | 1.4 | .1 | .1 | | | | 133 | 134 | 51 | 34 |
| 80 / 79 | 1.2 | 1.3 | 1.7 | .9 | .4 | .3 | .6 | .5 | .6 | 1.3 | .3 | | | | | | | 79 | 79 | 63 | 49 |
| 78 / 77 | 1.8 | 2.8 | 1.9 | 2.1 | .3 | .4 | 1.6 | .4 | .3 | .3 | .4 | | | | | | | 108 | 106 | 73 | 71 |
| 76 / 75 | .9 | 1.4 | .6 | .6 | .5 | .6 | .3 | .2 | .3 | | | | | | | | | 47 | 47 | 81 | 65 |
| 74 / 73 | | .4 | .2 | .6 | | .3 | .4 | .5 | .4 | | | | | | | | | 24 | 24 | 81 | 67 |
| 72 / 71 | | | .1 | | | | | .1 | | | | | | | | | | 2 | 2 | 83 | 83 |
| 70 / 69 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 82 | 89 |
| 68 / 67 | | | | | | | | | | | | | | | | | | | | 84 | 87 |
| 66 / 65 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 77 | 85 |
| 64 / 63 | | | | | | | | | | | | | | | | | | | | 67 | 77 |
| 62 / 61 | | | | | | | | | | | | | | | | | | | | 55 | 62 |
| 60 / 59 | | | | | | | | | | | | | | | | | | | | 73 | 71 |
| 58 / 57 | | | | | | | | | | | | | | | | | | | | 7 | 17 |
| 56 / 55 | | | | | | | | | | | | | | | | | | | | | 7 |
| 54 / 53 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | | 17 |
| 50 / 49 | | | | | | | | | | | | | | | | | | | | | 4 |
| 48 / 47 | | | | | | | | | | | | | | | | | | | | | 24 |
| 46 / 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | | 10 |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | 13 |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 STATION | [illegible] STATION NAME | 75-84 YEARS | [illegible] MONTH

PAGE 2 | 0001-0800 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| TOTAL | 5.4 | 11.3 | 13.5 | 9.1 | 6.9 | 4.9 | 8.8 | 6.2 | 6.3 | 5.8 | 6.7 | 5.9 | 5.1 | 3.3 | 1.3 | .4 | | 777 | 778 | 777 | 777 |

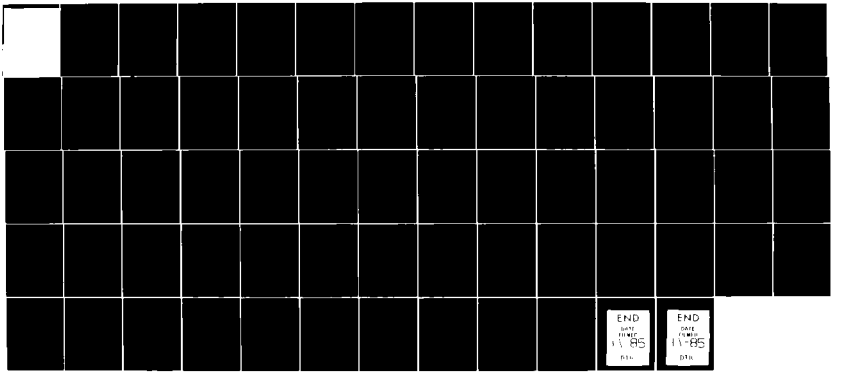
| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 47 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 3432493 | 87475 | 51.1 | 25.434 | 777 | | | | | | | |
| Dry Bulb | 5273397 | 53943 | 32.2 | 4.391 | 778 | | | 89.9 | 3?.2 | 52.5 | 1.4 | 5? |
| Wet Bulb | 4213367 | 55565 | 71.5 | 7.237 | 777 | | | 62.2 | 42.6 | 14.3 | | 4? |
| Dew Point | 3394232 | 52333 | 64.8 | 12.323 | 777 | | | 46.2 | 34.1 | 3.7 | | 9? |

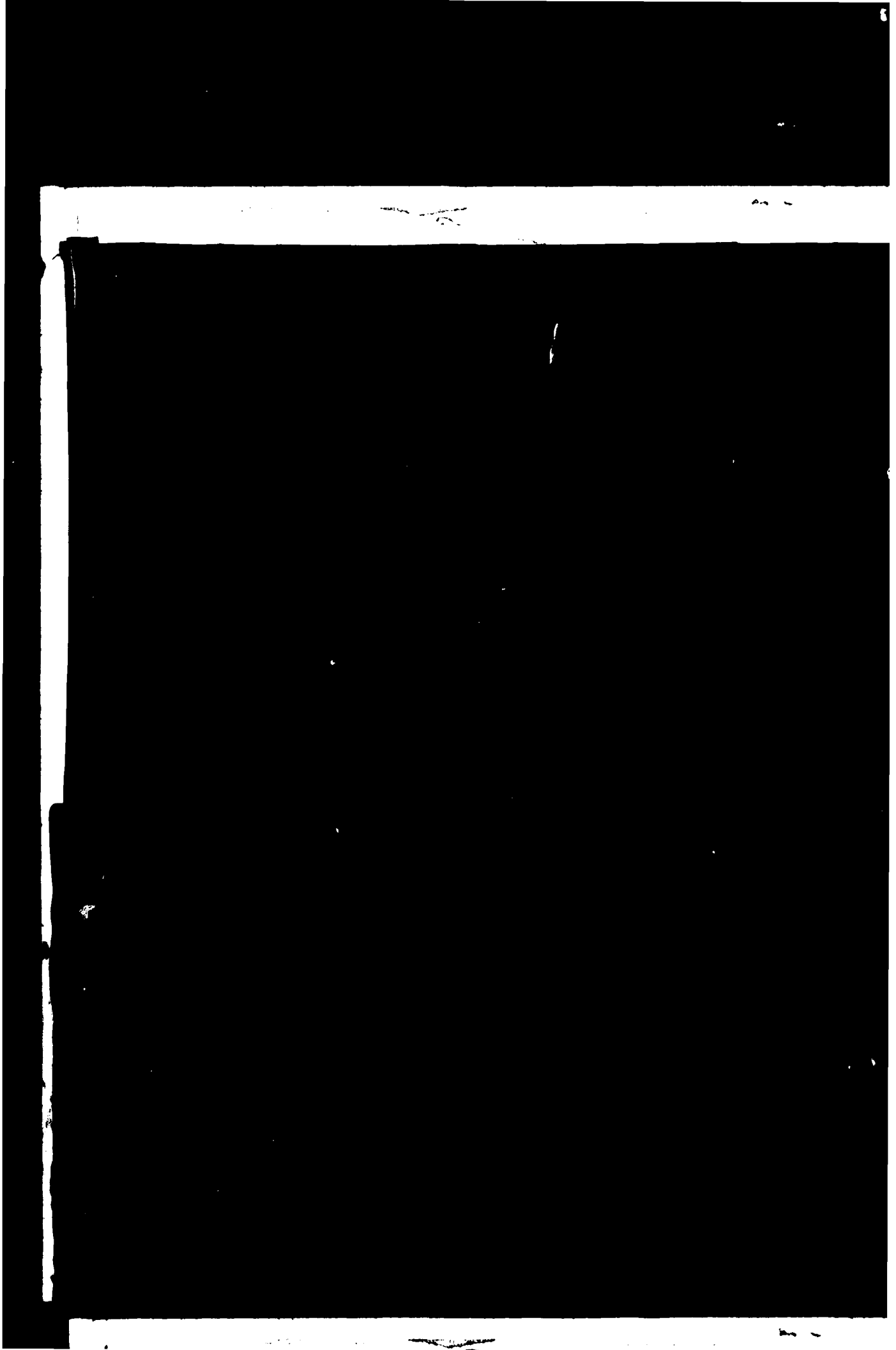
USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

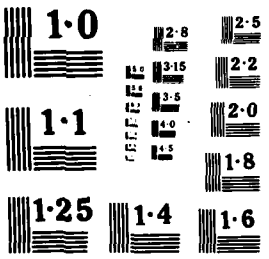
AD A159 605 AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85

515

UNCLASSIFIED USAFETAC/DS-85/013 F/G 4/2 NL






1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5
2·8
3·15
3·5
4·0
4·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

434150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | SEP MONTH

 0900-11 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew P |
| 112/111 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 110/109 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 108/107 | | | | | | | | | | | | | | | | | .5 | 5 | 5 | | |
| 106/105 | | | | | | | | | | | | | | | | | 1.3 | 15 | 15 | | |
| 104/103 | | | | | | | | | | | | | | .1 | | .4 | 2.3 | 23 | 23 | | |
| 102/101 | | | | | | | | | | .1 | | .4 | .1 | .8 | 1.1 | 1.1 | 2.4 | 53 | 53 | | |
| 100/ 99 | | | | | | | | | .1 | .2 | 1.1 | 1.3 | 1.2 | 2.5 | 3.4 | 4.2 | 4.2 | 149 | 153 | | |
| 98/ 97 | | | | | | | .2 | .1 | .7 | .4 | 1.3 | 1.4 | 1.8 | 1.5 | 1.7 | 1.4 | 1.7 | 88 | 88 | | |
| 96/ 95 | | | | | | .5 | 1.9 | 1.7 | 2.8 | .8 | 1.9 | 2.8 | 1.5 | 1.1 | 2.1 | 1.1 | .5 | 156 | 157 | | |
| 94/ 93 | | | | | .1 | 1.2 | 1.1 | 1.1 | .3 | 2.2 | .3 | .3 | 1.5 | 1.3 | .8 | .2 | .2 | 104 | 104 | | |
| 92/ 91 | | | | .2 | 1.6 | 1.8 | 1.1 | 1.7 | 1.4 | .3 | .3 | .5 | .5 | 1.4 | .5 | .1 | | 104 | 104 | | |
| 90/ 89 | | | .1 | .2 | 1.5 | 1.3 | .5 | 1.1 | .4 | .5 | .7 | .5 | .5 | .4 | .2 | .1 | | 58 | 65 | | |
| 88/ 87 | | | .1 | .2 | 1.1 | .5 | .3 | .5 | .2 | .1 | .5 | .1 | .1 | .4 | .2 | | | 42 | 42 | | |
| 86/ 85 | | | .1 | .4 | .5 | | | | | .1 | .1 | .1 | .1 | .1 | | | | 13 | 13 | 11 | |
| 84/ 83 | | | | .4 | | | .1 | | .1 | .1 | | | | | | | | 6 | 6 | 55 | |
| 82/ 81 | | .4 | .4 | | | | | | .1 | | .1 | | | | | | | 2 | 3 | 64 | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | 79 | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | 68 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | 85 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | 108 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 91 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 108 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 75 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 53 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 22 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41152 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
SEP — MONTH


1977-11 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| TOTA | | .4 | .7 | 1.4 | 4.5 | 4.9 | 5.8 | 6.2 | 5.8 | 5.5 | 7.2 | 7.5 | 7.5 | 3.2 | 3.3 | 3.7 | 13.4 | 829 | 822 | 829 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1435581 | 33831 | 37.2 | 18.753 | 829 | | | | | | | |
| Dry Bulb | 7559339 | 79178 | 95.2 | 4.912 | 832 | | | 90.3 | 77.3 | 51.0 | 58.3 | |
| Wet Bulb | 5588599 | 61135 | 73.8 | 5.788 | 829 | | | 83.7 | 53.9 | 17.7 | | |
| Dew Point | 3297382 | 51223 | 61.8 | 12.828 | 829 | | .5 | 38.1 | 23.6 | 5.6 | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41156 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | SEP MONTH

 1211-1411 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | .1 | | 2 | 2 | | |
| 112/111 | | | | | | | | | | | | | | | | | 1.3 | | 11 | 11 | | |
| 110/109 | | | | | | | | | | | | | | | | | 2.4 | | 20 | 23 | | |
| 108/107 | | | | | | | | | | | | | | | | .2 | 3.2 | | 29 | 37 | | |
| 106/105 | | | | | | | | | | .1 | | | | .2 | .4 | .7 | 9.3 | | 94 | 94 | | |
| 104/103 | | | | | | | | .1 | | .2 | | .1 | .3 | 1.1 | .8 | 1.6 | 5.1 | | 79 | 79 | | |
| 102/101 | | | | | | | | .1 | | .7 | .1 | 1.9 | | 3.4 | 2.3 | 4.2 | 6.3 | | 156 | 157 | | |
| 100/ 99 | | | | | | | | .9 | .7 | .8 | 2.5 | 4.2 | 2.3 | 3.2 | 5.1 | 2.4 | 4.3 | | 231 | 231 | | |
| 98/ 97 | | | | | | .1 | .4 | .5 | 1.8 | 1.5 | 1.5 | .8 | 1.2 | 1.6 | .5 | 1.0 | .1 | | 93 | 93 | | |
| 96/ 95 | | | | | | .1 | 1.4 | 1.3 | 2.3 | 1.7 | .3 | 1.3 | 1.1 | | | .1 | | | 85 | 85 | | |
| 94/ 93 | | | | | | .4 | 1.0 | .5 | .2 | .1 | | .2 | .1 | | .1 | | | | 23 | 23 | | |
| 92/ 91 | | | | | | .1 | .2 | .2 | | | | | .1 | | | | | | 5 | 5 | | |
| 90/ 89 | | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | 1 | |
| 88/ 87 | | | | | .1 | | | | | | | .1 | | | | | | | 2 | 2 | 4 | |
| 86/ 85 | | | | | .1 | | | | | | .1 | | | | | | | | 2 | 2 | 13 | 1 |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | 37 | 2 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 53 | 20 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 96 | 18 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | 98 | 43 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 91 | 24 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 128 | 40 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 155 | 29 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 91 | 43 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 63 | 35 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 16 | 37 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 2 | 58 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 47 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 59 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 48 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 46 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 48 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 44 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 33 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 31 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

41163 STATION | AL JUBAYL/JAHARAN SAUDI ARABIA STATION NAME | 75-84 YEARS | SEP MONTH

PAGE 2 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 45/ 43 | | | | | | | | | | | | | | | | | | | | | 4 |
| 43/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 41/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 39/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 37/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 35/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 33/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 31/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 29/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 27/ 25 | | | | | | | | | | | | | | | | | | | | | |
| TOTA. | | | | | .2 | .7 | 3.1 | 4.1 | 3.2 | 5.3 | 5.3 | 3.7 | 5.5 | 9.5 | 13.2 | 13.2 | 32.2 | 335 | 837 | 835 | 83 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 857387 | 24733 | 28.8 | 18.331 | 835 | | | | | | | |
| Dry Bulb | 9523327 | 84375 | 100.8 | 9.232 | 837 | | | 90.3 | 70.3 | 91.0 | 88.7 | 9 |
| Wet Bulb | 8552592 | 52192 | 74.5 | 9.951 | 835 | | | 37.3 | 58.3 | 16.9 | | 9 |
| Dew Point | 3393373 | 49825 | 59.7 | 12.339 | 835 | | 1.3 | 27.9 | 16.3 | 3.1 | | 5 |

USAFETAC FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41153 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 112/111 | | | | | | | | | | | | | | | | | .5 | | 4 | 4 | | |
| 110/109 | | | | | | | | | | | | | | | | | .5 | | 4 | 4 | | |
| 108/107 | | | | | | | | | | | | | | | | | .3 | | 7 | 7 | | |
| 106/105 | | | | | | | | | | | | | | | | .4 | 2.5 | | 24 | 24 | | |
| 104/103 | | | | | | | | .1 | | | | | .1 | | .4 | 1.3 | 3.1 | | 39 | 39 | | |
| 102/101 | | | | | | | | | | .1 | | .5 | .2 | 1.7 | 2.4 | 1.5 | 3.2 | | 82 | 82 | | |
| 100/ 99 | | | | | | | .1 | .4 | 1.1 | .1 | 2.5 | 3.1 | 3.4 | 4.5 | 3.3 | 3.6 | 2.4 | | 235 | 235 | | |
| 98/ 97 | | | | | | | .5 | .4 | 1.5 | 1.9 | 2.7 | 1.7 | 2.6 | 2.7 | 1.3 | 1.4 | .1 | | 142 | 142 | | |
| 96/ 95 | | | | | | .3 | 2.4 | 1.7 | 3.4 | 2.1 | 1.3 | 3.3 | 4.3 | 1.1 | .7 | .1 | .2 | | 134 | 144 | | |
| 94/ 93 | | | | | .2 | 1.1 | 1.4 | 1.3 | .7 | 1.3 | .3 | .5 | .4 | .1 | | | | | 67 | 67 | | |
| 92/ 91 | | | | .1 | .5 | 1.3 | .5 | 1.7 | .3 | 1.4 | .5 | .1 | | .2 | .1 | | | | 54 | 64 | 1 | |
| 90/ 89 | | | | | .1 | .1 | .4 | .2 | .4 | | .1 | | | | | | | | 11 | 11 | | |
| 88/ 87 | | | | | | | .6 | | .1 | | | | | | | | | | 5 | 5 | 1 | 1 |
| 86/ 85 | | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 14 | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | 47 | 4 |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 63 | 27 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 96 | 32 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | 109 | 45 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 95 | 27 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 154 | 62 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 118 | 41 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 99 | 59 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 35 | 40 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 7 | 51 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 2 | 72 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 57 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 51 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 41 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 33 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 32 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 26 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 31 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 29 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41416 | AL JUBAYL/DHAHRAN SAUDI ARABIA | 75-88 | SEP
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 45/ 45 | | | | | | | | | | | | | | | | | | | | | 23 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 10 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 31/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | .1 | 1.0 | 3.3 | 5.9 | 6.4 | 8.0 | 6.7 | 8.5 | 9.6 | 10.8 | 10.3 | 8.2 | 8.0 | 13.4 | 841 | 841 | 841 | 841 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1283156 | 23873 | 35.5 | 18.931 | 841 | | | | | | | |
| Dry Bulb | 3325391 | 82781 | 97.6 | 9.132 | 841 | | | 92.1 | 92.1 | 92.1 | 31.2 | 92 |
| Wet Bulb | 1772363 | 63283 | 75.2 | 8.621 | 841 | | | 89.1 | 62.1 | 17.6 | | 92 |
| Dew Point | 5497796 | 53478 | 63.6 | 17.335 | 841 | | .2 | 36.2 | 21.2 | 3.7 | | 90 |

USAFETAC FORM 0-26-5 (OL A) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41152 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-83 YEARS | SEP MONTH

 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 114/108 | | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 102/101 | | | | | | | | | | | | | | | .1 | .1 | .1 | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | .2 | | .1 | .1 | .7 | .1 | .4 | .2 | | 16 | 16 | | |
| 98/ 97 | | | | | | | | | | .1 | .7 | | .4 | .2 | .4 | .4 | | | 13 | 13 | | |
| 96/ 95 | | | | | | | .4 | | 1.7 | 1.1 | 1.2 | 1.6 | 1.2 | .2 | .4 | .1 | | | 65 | 65 | | |
| 94/ 93 | | | | | .1 | 1.4 | 1.5 | 1.8 | 1.2 | 1.6 | .7 | .9 | .9 | .4 | | | | | 79 | 79 | | |
| 92/ 91 | | | | .5 | 2.5 | 4.4 | 1.0 | 5.1 | 2.2 | 3.2 | 2.2 | 1.7 | .1 | .1 | | | | | 189 | 189 | | |
| 90/ 89 | | | .4 | 1.5 | 3.4 | 3.2 | 2.2 | 2.3 | 2.3 | 1.5 | 1.1 | .1 | | | | | | | 146 | 146 | | |
| 88/ 87 | | | .5 | 3.1 | 5.0 | 3.5 | 5.5 | 1.7 | 1.5 | .9 | .4 | | .2 | | | | | | 133 | 189 | 1 | |
| 86/ 85 | | | .7 | 1.3 | 2.3 | 2.0 | .6 | .5 | .1 | | .1 | | | | | | | | 61 | 61 | 16 | 1 |
| 84/ 83 | | .1 | .5 | 1.2 | 1.0 | .5 | .5 | .5 | .2 | | | | | | | | | | 39 | 39 | 86 | 15 |
| 82/ 81 | | | .2 | .1 | .2 | .1 | .4 | .1 | .1 | .1 | | | | | | | | | 12 | 12 | 113 | 79 |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | 129 | 72 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | 130 | 102 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 76 | 68 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 126 | 89 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 77 | 48 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 93 | 56 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 14 | 43 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 6 | 67 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 1 | 56 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 36 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 26 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41163 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 SEP
STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| TOTAL | | .1 | 2.5 | 7.5 | 14.8 | 14.9 | 12.1 | 11.5 | 9.4 | 8.7 | 5.5 | 4.4 | 3.0 | 1.7 | 1.0 | 1.1 | .4 | 312 | 312 | 312 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2762587 | 85507 | 56.0 | 16.175 | 312 | | | | | | | |
| Dry Bulb | 5534114 | 73175 | 97.1 | 3.845 | 312 | | | 90.2 | 90.2 | 90.2 | 20.2 | 90 |
| Wet Bulb | 4345267 | 62523 | 77.1 | 4.395 | 312 | | | 89.2 | 78.7 | 28.6 | | 90 |
| Dew Point | 2156397 | 57337 | 71.2 | 7.282 | 312 | | | 53.5 | 37.2 | 11.8 | | 90 |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

41453 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | .1 | | | | .1 | | | | | .1 | .3 | 5 | 5 | | |
| 96/ 95 | | | | | | | | | | | | | .1 | | | .1 | | 2 | 2 | | |
| 94/ 93 | | | | | | .1 | .1 | .1 | | | | | | | | | .1 | 4 | 4 | | |
| 92/ 91 | | | | | | .1 | .5 | | .3 | .5 | .5 | .1 | .2 | .4 | .3 | | | 23 | 33 | | |
| 90/ 89 | | | | 1.3 | 1.3 | .9 | .5 | .5 | .5 | .9 | .9 | .3 | .4 | .1 | | | | 57 | 58 | | |
| 88/ 87 | | .5 | 2.8 | 4.3 | 5.1 | 3.4 | 2.4 | .5 | 1.5 | .9 | .3 | .4 | | .1 | | | | 132 | 132 | | |
| 86/ 85 | | .5 | 3.2 | 2.5 | 2.9 | 2.3 | 1.2 | .3 | .5 | .5 | .3 | | | | | | | 115 | 115 | 72 | 3 |
| 84/ 83 | | 1.9 | 4.7 | 4.3 | 3.5 | 1.1 | 1.9 | .3 | .5 | .5 | .3 | .1 | | | | | | 159 | 161 | 58 | 22 |
| 82/ 81 | .1 | 1.9 | 5.1 | 3.4 | 2.7 | 2.3 | 2.3 | 1.0 | .3 | .3 | | | | | | | | 160 | 159 | 103 | 37 |
| 80/ 79 | | .5 | .9 | 1.5 | 1.1 | .3 | .1 | | | | | | | | | | | 39 | 39 | 133 | 56 |
| 78/ 77 | | | 1.1 | 1.5 | .3 | .1 | .3 | | .1 | | | | | | | | | 28 | 28 | 117 | 110 |
| 76/ 75 | | .1 | | | .3 | | | .1 | | | | | | | | | | 4 | 4 | 87 | 72 |
| 74/ 73 | | .1 | | .3 | .1 | | .1 | | | | | | | | | | | 5 | 5 | 85 | 75 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 77 | 59 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 63 | 39 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 27 | 53 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 17 | 35 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 6 | 51 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 21 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 9 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 8 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 11 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | 5.8 | 17.7 | 19.3 | 17.3 | 12.1 | 9.3 | 4.4 | 4.3 | 3.5 | 2.4 | 1.5 | .9 | .5 | .1 | .5 | | 762 | 795 | 792 | 792 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 32335.4 | 54253 | 68.5 | 15.583 | 792 | | | | | | | |
| Dry Bulb | 57.2354 | 57493 | 84.9 | 3.792 | 795 | | | 22.3 | 22.3 | 82.5 | 1.2 | x3 |
| Wet Bulb | 4547919 | 53595 | 76.4 | 4.967 | 792 | | | 87.2 | 58.5 | 29.6 | | 90 |
| Dew Point | 4211257 | 57811 | 72.5 | 7.375 | 792 | | | 77.1 | 53.3 | 18.9 | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME 75-84 YEARS SEP MONTH

PAGE 1 ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | |
| 114/113 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | | |
| 112/111 | | | | | | | | | | | | | | | | | .2 | 15 | 15 | | | | |
| 110/109 | | | | | | | | | | | | | | | | | .4 | 35 | 25 | | | | |
| 108/107 | | | | | | | | | | | | | | | | .3 | .5 | 41 | 42 | | | | |
| 106/105 | | | | | | | | | | .3 | | | | .2 | .3 | .1 | 1.9 | 133 | 133 | | | | |
| 104/103 | | | | | | | | .1 | | .3 | | .3 | .1 | .2 | .2 | .4 | 1.4 | 142 | 142 | | | | |
| 102/101 | | | | | | | | .3 | | .1 | .0 | .4 | .0 | .3 | .3 | .9 | 1.5 | 291 | 292 | | | | |
| 100/ 99 | | | | | | | .3 | .2 | .2 | .2 | .3 | 1.1 | 1.3 | 1.4 | 1.7 | 1.4 | 1.4 | 501 | 502 | | | | |
| 98/ 97 | | | | | | .3 | .2 | .1 | .5 | .5 | .3 | .5 | .8 | .8 | .4 | .6 | .2 | 348 | 346 | | | | |
| 96/ 95 | | | | | | .1 | .3 | .5 | 1.3 | .7 | .7 | 1.2 | 1.3 | .3 | .4 | .2 | .1 | 494 | 495 | | | | |
| 94/ 93 | | | | | .1 | .5 | .5 | .5 | .4 | .5 | .3 | .3 | .4 | .3 | .1 | .1 | .0 | 297 | 297 | | | | |
| 92/ 91 | | | | .1 | .7 | 1.1 | .4 | 1.2 | .7 | .8 | .5 | .5 | .2 | .4 | .1 | .3 | | 430 | 430 | 1 | | | |
| 90/ 89 | | | .1 | .5 | .9 | .6 | .5 | .5 | .5 | .5 | .5 | .2 | .3 | .1 | .1 | .0 | | 346 | 347 | 1 | | | |
| 88/ 87 | | .2 | .2 | 1.1 | 1.6 | 1.3 | 1.5 | .5 | .7 | .4 | .3 | .2 | .3 | .3 | .1 | | | 583 | 583 | 6 | 1 | | |
| 86/ 85 | | .4 | 1.2 | .5 | .9 | .3 | .4 | .3 | .2 | .2 | .2 | .2 | .2 | .1 | .0 | | | 356 | 356 | 95 | 12 | | |
| 84/ 83 | .1 | 1.1 | 1.5 | 1.5 | .9 | .4 | .5 | .5 | .3 | .3 | .2 | .2 | .3 | .3 | | | | 531 | 534 | 363 | 90 | | |
| 82/ 81 | .5 | 1.7 | 2.8 | 1.4 | .7 | .3 | 1.1 | .5 | .5 | .5 | .5 | .3 | .0 | .0 | | | | 754 | 758 | 561 | 422 | | |
| 80/ 79 | .3 | 1.1 | 1.1 | .3 | .5 | .6 | .4 | .3 | .3 | .3 | .1 | | | | | | | 362 | 364 | 753 | 457 | | |
| 78/ 77 | .7 | 1.2 | 1.3 | 1.3 | .5 | .4 | .6 | .3 | .3 | .2 | .1 | | | | | | | 471 | 451 | 807 | 525 | | |
| 76/ 75 | .2 | .5 | .3 | .4 | .2 | .3 | .2 | .1 | .1 | .3 | | | | | | | | 157 | 157 | 711 | 433 | | |
| 74/ 73 | .1 | .3 | .2 | .3 | .0 | .1 | .2 | .1 | .1 | .0 | | | | | | | | 86 | 89 | 817 | 469 | | |
| 72/ 71 | | .1 | .1 | .2 | | .0 | .0 | .0 | | | | | | | | | | 17 | 17 | 736 | 362 | | |
| 70/ 69 | .0 | | .1 | .0 | | | | .0 | | | | | | | | | | 11 | 11 | 593 | 359 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 366 | 344 | | |
| 66/ 65 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | 279 | 327 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 139 | 445 | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 125 | 251 | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 54 | 219 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 13 | 213 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 210 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 167 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 177 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 203 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 133 | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | SEP MONTH

PAGE | ALL HOURS [illegible] S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 / 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| 44 / 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42 / 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 40 / 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38 / 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36 / 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34 / 35 | | | | | | | | | | | | | | | | | | | | | |
| 32 / 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30 / 31 | | | | | | | | | | | | | | | | | | | | | |
| 28 / 29 | | | | | | | | | | | | | | | | | | | | | |
| 26 / 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24 / 25 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.3 | 5.6 | 9.5 | 3.1 | 7.1 | 5.3 | 7.4 | 6.2 | 5.1 | 5.5 | 3.2 | 2.1 | 4.5 | 3.5 | 1.9 | 3.7 | 7.7 | 5473 | 5435 | 5473 | 5473 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 22333215 | 344339 | 63.329 | 8.395 | 5473 | | | | | | | |
| Dry Bulb | 3235353 | 573294 | 89.2 | 8.537 | 5435 | | | 719.2 | 715.3 | 612.4 | 258.3 | 720 |
| Wet Bulb | 3533979 | 491383 | 74.4 | 5.349 | 5473 | | | 545.3 | 457.5 | 155.2 | | 720 |
| Dew Point | 2335323 | 422433 | 66.411 | 4.293 | 5473 | | 2.3 | 338.3 | 276.3 | 63.3 | | 720 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | [illegible] MONTH

[illegible] HOURS (L.S.T.) [illegible]-[illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| [illegible] 37 | | | | .1 | .1 | | | | .3 | | | | | | | | | 4 | 4 | | |
| [illegible] 35 | | | .2 | | .3 | .1 | .3 | | | | | | | | | | | 7 | 7 | | |
| [illegible] 33 | | .4 | .9 | 2.0 | .9 | | .3 | | .3 | | .1 | | | | | | | 37 | 37 | ? | |
| [illegible] 31 | .1 | 1.2 | 3.4 | 3.5 | 1.5 | .5 | .3 | .3 | | .3 | | | | | | | | 133 | 133 | 5 | 3 |
| [illegible] 29 | .3 | 2.3 | 3.1 | 1.2 | .3 | .5 | .1 | .3 | .4 | .4 | | | | | | | | 54 | 54 | 72 | 14 |
| [illegible] 27 | .1 | 2.1 | 4.4 | 4.4 | .7 | 1.2 | .7 | .3 | | .3 | | | | | | | | 111 | 111 | 73 | 34 |
| [illegible] 25 | .4 | 1.7 | 2.3 | 3.5 | .7 | .5 | .3 | .3 | .4 | | | | | | | | | 75 | 77 | 75 | 57 |
| [illegible] 23 | 1.1 | 4.6 | 3.6 | 2.1 | .1 | .4 | .2 | .3 | .1 | .1 | | | | | | | | 112 | 113 | 56 | 38 |
| [illegible] 21 | .3 | 1.3 | 2.9 | 1.5 | .9 | .5 | .7 | | | | | | | | | | | 51 | 51 | 105 | 56 |
| [illegible] 19 | 1.2 | 1.6 | 2.6 | 1.2 | 2.2 | .7 | .1 | .1 | | | | | | | | | | 71 | 71 | 35 | 35 |
| [illegible] 17 | .7 | .3 | 2.1 | .4 | .3 | .1 | .1 | | | | | | | | | | | 32 | 32 | 24 | 18 |
| [illegible] 15 | .3 | 2.2 | .7 | .3 | .5 | .1 | | | .1 | | | | | | | | | 25 | 25 | 61 | 53 |
| [illegible] 13 | .3 | .7 | .7 | .1 | 1.3 | .4 | | .1 | .4 | | | | | | | | | 50 | 50 | 56 | 29 |
| [illegible] 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 37 | 23 |
| [illegible] 09 | .3 | | | | | | | | | | | | | | | | | 4 | 4 | 32 | 35 |
| [illegible] 07 | | | | | | | | | | | | | | | | | | | | 7 | 1 |
| [illegible] 05 | | | | | | | | | | | | | | | | | | | | 12 | 2 |
| [illegible] 03 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| [illegible] 01 | | | | | | | | | | | | | | | | | | | | | 13 |
| [illegible] 99 | | | | | | | | | | | | | | | | | | | | | 15 |
| [illegible] 97 | | | | | | | | | | | | | | | | | | | | 3 | |
| [illegible] 95 | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible] 93 | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] 91 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 89 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 87 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 85 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 83 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 81 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 79 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 77 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 75 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 73 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 71 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 69 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 67 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 65 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 63 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 61 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 59 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 19.5 | 23.5 | 21.1 | 10.1 | 5.2 | 4.3 | 2.7 | 2.3 | 1.1 | .1 | | | | | | | 757 | | 754 | |
| | | | | | | | | | | | | | | | | | | 754 | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4747332 | 53534 | 77.8 | 15.459 | 754 | | | | | | | |
| Dry Bulb | 4257279 | 56516 | 74.8 | 5.511 | 757 | | | 34.4 | 57.4 | 22.6 | | 57 |
| Wet Bulb | 3733575 | 52541 | 69.2 | 6.153 | 753 | | | 55.7 | 21.5 | 2.0 | | 93 |
| Dew Point | 3427953 | 53451 | 65.9 | 8.329 | 754 | | .5 | 50.8 | 24.5 | 1.2 | | 93 |

USAFETAC FORM 0-26 5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL TECHNICAL ...SY BRANCH
...ARETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

...1 ... STATION | 1. ...DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | ...0... MONTH

PART ... HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ...8 / 81 | | | | | | .1 | .1 | | .1 | | | | | | | | | 2 | 2 | | |
| ...4 / 77 | | | | | .1 | .3 | | | | | | | | | | | | 4 | 4 | | |
| 76 / 77 | | | .4 | 1.1 | .6 | .6 | .1 | | | | | | | | | | | 22 | 22 | | |
| 72 / 73 | | .1 | 2.2 | 1.9 | .3 | | | | | | | | | | | | | 34 | 34 | | |
| 68 / 69 | .4 | 1.7 | 2.7 | 3.2 | .1 | .5 | .4 | | | | | | | | | | | 77 | 77 | 6 | |
| 64 / 65 | .1 | 1.9 | 2.3 | .2 | .5 | .3 | .2 | .1 | | | | | | | | | | 55 | 55 | 53 | |
| 60 / 61 | .8 | 2.2 | 7.9 | .3 | .9 | .7 | | | | | | | | | | | | 96 | 96 | 72 | |
| 56 / 57 | .6 | 1.9 | 6.6 | 1.3 | 2.3 | .4 | | .1 | | | | | | | | | | 102 | 102 | 92 | 6 |
| 52 / 53 | 2.0 | 5.9 | 2.6 | 2.4 | .8 | .6 | .1 | .1 | | | | | | | | | | 115 | 115 | 102 | 10 |
| 48 / 49 | 1.2 | 4.1 | 3.2 | 4.2 | 2.2 | .9 | .2 | | | | | | | | | | | 122 | 122 | 85 | 14 |
| 44 / 45 | .6 | 2.0 | 1.4 | 1.8 | .9 | | .1 | | | | | | | | | | | 56 | 56 | 75 | 5 |
| 40 / 41 | .3 | 1.1 | 1.9 | 1.4 | 1.2 | .3 | .4 | | | | | | | | | | | 51 | 51 | 78 | 5 |
| 36 / 37 | .4 | .9 | .8 | 1.6 | .7 | | .3 | | | | | | | | | | | 28 | 28 | 61 | 5 |
| 32 / 33 | .1 | .4 | .6 | .8 | .4 | .4 | | | | | | | | | | | | 21 | 21 | 52 | 6 |
| 28 / 29 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 26 | 3 |
| 24 / 25 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 22 | 3 |
| 20 / 21 | | | | | | | | | | | | | | | | | | | | 11 | 3 |
| 16 / 17 | | | | | | | | | | | | | | | | | | | | 7 | 1 |
| 12 / 13 | | | | | | | | | | | | | | | | | | | | 5 | 1 |
| 8 / 9 | | | | | | | | | | | | | | | | | | | | | |
| 4 / 5 | | | | | | | | | | | | | | | | | | | | | |
| 0 / 1 | | | | | | | | | | | | | | | | | | | | | |
| -4 / -3 | | | | | | | | | | | | | | | | | | | | | |
| -8 / -7 | | | | | | | | | | | | | | | | | | | | | |
| -12 / -11 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .5 | 1.2 | 2.2 | 3.2 | 1.2 | 1.1 | .5 | .5 | .1 | 2.3 | | .4 | | .1 | | | | 7.3 | 7.4 | 7.3 | 7.3 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5343913 | 51395 | 73.2 | 13.011 | 783 |
| Dry Bulb | 3511172 | 52293 | 85.7 | 5.494 | 734 |
| Wet Bulb | 3293176 | 49332 | 82.5 | 5.992 | 783 |
| Dew Point | 2344183 | 45819 | 63.3 | 7.557 | 733 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 44.2 | 15.3 | .5 | | 5 |
| Wet Bulb | | | 26.3 | .9 | | | 9 |
| Dew Point | | .3 | 14.5 | .7 | | | 2 |

USAFETAC FORM 0-26 5 (OL A) AUG 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMAR

STATION / STATION NAME: AL JUBAY/JUBAIL, SAUDI ARABIA — YEARS: 75-84 — MONTH: OCT

PAGE — HOURS (L.S.T.): ALL

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38/37 | | | | | | | | | | | | | | | | | | | | | |
| 36/35 | | | | | | | | | | | | | | | | | | | | | |
| 34/33 | | | | | | | | | | | | | | | | | | | | | |
| 32/31 | | | | | | | | | | | | | | | | | | | | | |
| 30/29 | | | | | | | | | | | | | | | | | | | | | |
| 28/27 | | | | | | | | | | | | | | | | | | | | | |
| 26/25 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7.2 | 3.6 | 12.2 | 11.8 | 9.1 | 9.2 | 7.8 | 6.8 | 6.4 | 5.1 | 4.5 | 4.5 | 2.7 | 2.4 | 2.2 | 1.8 | 2.2 | 6525 | 6525 | 6525 | 65 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 257533[illegible] | 333312 | 51.1 | 23.231 | 6525 | | | | | | | |
| Dry Bulb | 43211271 | 532593 | 81.5 | 8.725 | 6535 | | | 713.3 | 633.6 | 431.3 | 32.9 | 7 |
| Wet Bulb | 32415379 | 459255 | 70.2 | 5.959 | 6525 | | | 561.7 | 277.2 | 25.8 | | 7 |
| Dew Point | 27139865 | 414727 | 63.5 | 13.138 | 6525 | | 3.6 | 323.3 | 138.7 | 7.2 | | 7 |

USAFETAC FORM AM 64 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41150 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | OCT MONTH

PAGE 1 | ALL HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. | W.B. Dry Bulb | Wet Bulb | Dew |
| 106/103 | | | | | | | | | | | | | | | | | .2 | 5 | 5 | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 5 | 5 | | |
| 102/101 | | | | | | | | | | | | | | | .3 | .1 | .3 | 24 | 25 | | |
| 100/ 99 | | | | | | | | | | | .2 | .3 | .2 | .2 | .3 | .5 | .5 | 143 | 143 | | |
| 98/ 97 | | | | | | | | | | .3 | .1 | .1 | .3 | .3 | .3 | .5 | .2 | 119 | 119 | | |
| 96/ 95 | | | | | | | .2 | .3 | .3 | .3 | .2 | 1.1 | .6 | .3 | .3 | .4 | .3 | 286 | 288 | | |
| 94/ 93 | | | | | | .2 | .1 | .2 | .4 | .4 | .7 | .4 | .7 | .3 | .2 | .2 | .1 | 233 | 232 | | |
| 92/ 91 | | | | | .1 | .2 | .1 | .3 | .5 | .3 | .3 | .2 | .1 | .3 | .2 | .1 | .2 | 332 | 332 | | |
| 90/ 89 | | | | | .1 | .2 | .3 | .6 | .7 | .5 | .5 | .3 | .3 | .2 | .1 | .1 | | 271 | 272 | | |
| 88/ 87 | | | .2 | .1 | .6 | .7 | 1.5 | .3 | 1.2 | .5 | .2 | .3 | .3 | .2 | .1 | .3 | | 455 | 455 | | |
| 86/ 85 | | | .3 | .2 | .5 | .9 | .6 | .3 | .5 | .7 | .3 | .3 | .1 | .1 | .0 | | | 353 | 353 | | |
| 84/ 83 | | .2 | .3 | 1.3 | 1.5 | .7 | 1.2 | .3 | .7 | .5 | .4 | .3 | .1 | .1 | | | | 572 | 571 | 14 | |
| 82/ 81 | .0 | .6 | 2.6 | 2.2 | 2.1 | 1.3 | 1.6 | 1.0 | .7 | .4 | .2 | .2 | .1 | .2 | | | | 849 | 852 | 171 | |
| 80/ 79 | .1 | .7 | .9 | 1.2 | .6 | 1.4 | .3 | .4 | .3 | .2 | .1 | .1 | .2 | | | | | 383 | 384 | 293 | |
| 78/ 77 | .4 | 1.1 | 1.7 | 2.2 | 1.1 | 1.2 | .6 | .4 | .4 | .2 | .1 | .2 | | | | | | 519 | 519 | 545 | |
| 76/ 75 | .2 | 1.2 | 1.2 | 1.3 | .6 | .6 | .5 | .2 | .2 | .1 | .1 | | | | | | | 352 | 352 | 634 | |
| 74/ 73 | .4 | 2.0 | 1.4 | 1.7 | .2 | .6 | .5 | .4 | .2 | .1 | .2 | | | | | | | 496 | 497 | 337 | |
| 72/ 71 | .3 | .8 | 1.2 | .7 | .4 | .2 | .3 | .1 | .1 | .1 | .2 | | | | | | | 252 | 252 | 894 | |
| 70/ 69 | .4 | .5 | 1.3 | .4 | .4 | .3 | .2 | .2 | .0 | .1 | | | | | | | | 252 | 252 | 869 | |
| 68/ 67 | .3 | .3 | .9 | .3 | .3 | .2 | .1 | .1 | .1 | .2 | | | | | | | | 155 | 155 | 734 | |
| 66/ 65 | .5 | .7 | .3 | .1 | .2 | .2 | .2 | .2 | .0 | .0 | | | | | | | | 154 | 154 | 574 | |
| 64/ 63 | .2 | .5 | .2 | .1 | .3 | .2 | .2 | .1 | .1 | .1 | | | | | | | | 119 | 119 | 393 | |
| 62/ 61 | .1 | .1 | .0 | | .1 | .0 | .0 | | .2 | | | | | | | | | 23 | 23 | 219 | |
| 60/ 59 | .1 | .2 | | | .2 | .1 | | | | | | | | | | | | 12 | 11 | 157 | |
| 58/ 57 | .0 | | | | | .1 | | | | | | | | | | | | 3 | 2 | 94 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 75 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 44 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 17 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 9 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 3 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 5 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Tota |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAI

47163 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
OCT — MONTH

PAGE 1
2100-2 — HOURS (L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| ≥ 97 / 96 | | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 92 / 91 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 90 / 89 | | | | | | .1 | | | | .1 | | | | | | | | | 2 | 2 | | |
| 88 / 87 | | | | | .7 | .5 | .1 | .1 | .2 | | | | | | | | | | 15 | 15 | | |
| 86 / 85 | | | .7 | .5 | 1.3 | .5 | .4 | .1 | | .2 | .1 | | | | | | | | 32 | 32 | | |
| 84 / 83 | | .2 | 2.3 | 3.3 | 2.2 | 1.7 | .4 | .1 | .5 | .4 | .2 | .1 | | | | | | | 97 | 97 | 1 | |
| 82 / 81 | | 1.1 | 2.7 | 7.7 | 4.3 | 1.7 | .5 | .7 | .5 | | | | | | | | | | 139 | 139 | 19 | |
| 80 / 79 | | 1.1 | 1.5 | 2.5 | 1.3 | 2.7 | .4 | .7 | .4 | | | | | | | | | | 54 | 55 | 53 | |
| 78 / 77 | | 1.1 | 2.9 | 5.4 | 2.5 | 1.5 | .7 | .7 | .5 | .1 | | | | | | | | | 135 | 135 | 97 | |
| 76 / 75 | | .4 | 2.5 | 3.2 | 1.3 | .7 | .7 | .2 | | | | | | | | | | | 74 | 74 | 123 | |
| 74 / 73 | | 2.3 | 1.7 | 3.3 | .7 | .9 | .6 | .1 | | | | | | | | | | | 79 | 79 | 82 | |
| 72 / 71 | .7 | 1.1 | 1.3 | .5 | .2 | .1 | .5 | | | | | | | | | | | | 37 | 37 | 127 | |
| 70 / 69 | .1 | .6 | 1.6 | .5 | .1 | .5 | | .2 | | | | | | | | | | | 30 | 30 | 97 | 1 |
| 68 / 67 | .1 | .2 | .4 | .1 | .5 | .2 | | .1 | | | | | | | | | | | 14 | 14 | 84 | |
| 66 / 65 | .5 | .5 | .2 | | .2 | .5 | .4 | .1 | | | | | | | | | | | 20 | 20 | 52 | |
| 64 / 63 | | .1 | .1 | | | | .2 | | | | | | | | | | | | 4 | 4 | 36 | |
| 62 / 61 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 60 / 59 | | | | | | | | | | | | | | | | | | | | | 13 | |
| 58 / 57 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 56 / 55 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 54 / 53 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 50 / 49 | | | | | | | | | | | | | | | | | | | | | | |
| 48 / 47 | | | | | | | | | | | | | | | | | | | | | | |
| 46 / 45 | | | | | | | | | | | | | | | | | | | | | | |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | 1.5 | 9.4 | 22.1 | 23.5 | 15.1 | 11.3 | 5.2 | 3.4 | 2.2 | .9 | .4 | .1 | | | | | | | 816 | | 815 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8353332 | 52838 | 73.5 | 13.719 | 815 | | | | | | | |
| Dry Bulb | 5275529 | 53774 | 73.2 | 5.122 | 815 | | | 92.3 | 81.2 | 41.2 | .1 | |
| Wet Bulb | 4236167 | 53533 | 71.9 | 5.557 | 815 | | | 78.1 | 42.9 | 5.2 | | |
| Dew Point | 3477791 | 55891 | 68.6 | 7.883 | 815 | | | 57.3 | 29.4 | 1.8 | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41157 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — OCT MONTH

PAGE 1 — 1300-2 HOURS (L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb Dew |
| ≥ 97 / 93 | | | | | | | | | | .2 | .1 | .1 | .2 | | | | | 5 | 6 | |
| 92 / 91 | | | | | | | | | .1 | .1 | .2 | .8 | .1 | .1 | | | | 9 | 9 | |
| 90 / 89 | | | | | | .1 | .7 | 1.1 | .1 | .5 | .5 | .1 | | | | | | 23 | 23 | |
| 88 / 87 | | | | .4 | 2.2 | 2.2 | 3.2 | 1.2 | 1.5 | .7 | .5 | .1 | .1 | .1 | | | | 35 | 35 | |
| 86 / 85 | | | .9 | .7 | 1.9 | 4.1 | 1.3 | .7 | .5 | .4 | .1 | .2 | | | | | | 25 | 85 | |
| 84 / 83 | | | 1.6 | 3.5 | 5.4 | 2.5 | 2.5 | 1.7 | .7 | .5 | .4 | | | | | | | 153 | 153 | 4 |
| 82 / 81 | | | 3.0 | 3.8 | 4.2 | 4.3 | 4.2 | 1.4 | .7 | .5 | | .1 | | | | | | 177 | 173 | 27 |
| 80 / 79 | | .1 | .2 | 1.3 | 2.5 | 4.1 | .4 | .2 | .4 | .2 | | | | | | | | 87 | 87 | 53 |
| 78 / 77 | | .1 | 1.5 | 3.7 | 2.5 | 2.5 | .9 | .1 | .4 | | | | | | | | | 95 | 95 | 102 |
| 76 / 75 | .1 | .2 | .5 | .5 | .4 | .5 | .2 | .1 | | | | | | | | | | 23 | 23 | 125 |
| 74 / 73 | | .5 | .4 | 1.3 | .4 | .5 | .5 | | | | | | | | | | | 26 | 26 | 113 |
| 72 / 71 | | .1 | .1 | .1 | .1 | .1 | .1 | | .1 | .1 | | | | | | | | 8 | 8 | 134 |
| 70 / 69 | | .2 | .1 | | | | .2 | .1 | | | | | | | | | | 5 | 5 | 115 |
| 68 / 67 | | | .1 | | | | .1 | | .1 | | | | | | | | | 3 | 3 | 62 |
| 66 / 65 | | | | | | | | | | | | | | | | | | | | 33 |
| 64 / 63 | | | | | | | | | | | | | | | | | | | | 17 |
| 62 / 61 | | | | | | | | | | | | | | | | | | | | 9 |
| 60 / 59 | | | | | | | | | | | | | | | | | | | | 4 |
| 58 / 57 | | | | | | | | | | | | | | | | | | | | 1 |
| 56 / 55 | | | | | | | | | | | | | | | | | | | | 2 |
| 54 / 53 | | | | | | | | | | | | | | | | | | | | 2 |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | |
| 50 / 49 | | | | | | | | | | | | | | | | | | | | |
| 48 / 47 | | | | | | | | | | | | | | | | | | | | |
| 46 / 45 | | | | | | | | | | | | | | | | | | | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .1 | 1.4 | 8.5 | 15.7 | 23.7 | 27.5 | 14.1 | 7.4 | 4.7 | 3.3 | 2.3 | 1.1 | .5 | .2 | | | | 811 | | |
| | | | | | | | | | | | | | | | | | | 813 | | 813 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Tota |
| Rel. Hum. | 3485817 | 516487 | 63.8 | 13.721 | 813 | | | | | | | |
| Dry Bulb | 5499315 | 566533 | 82.2 | 4.571 | 911 | | | 93.2 | 81.1 | 57.2 | .7 | |
| Wet Bulb | 3321424 | 597893 | 72.9 | 4.725 | 813 | | | 85.2 | 69.5 | 5.5 | | |
| Dew Point | 3799368 | 551882 | 68.1 | 7.735 | 813 | | | 57.9 | 26.4 | 1.4 | | |

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMAI

403150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
OCT — MONTH

PAGE 2
1571-17 — HOURS (L. S. T

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 72/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 103 | .1 | .2 | .5 | .7 | 4.1 | 7.2 | 11.6 | 13.9 | 12.3 | 11.5 | 8.3 | 7.4 | 5.2 | 5.3 | 4.7 | 3.1 | 1.3 | | 852 | | 8 |
| | | | | | | | | | | | | | | | | | | 851 | | 851 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1735814 | 35395 | 41.5 | 18.875 | 851 | | | | | | | |
| Dry Bulb | 5755374 | 75743 | 88.9 | 5.249 | 852 | | | 93.3 | 93.2 | 91.1 | 24.2 | |
| Wet Bulb | 4431279 | 61384 | 71.8 | 9.435 | 851 | | | 83.1 | 47.2 | 3.3 | | |
| Dew Point | 3364532 | 53773 | 62.3 | 8.593 | 851 | | .1 | 28.2 | 12.1 | 1.3 | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41415J STATION — AL JUBAYL/JUBAYRAH SAUDI ARABIA STATION NAME — 75-84 YEARS — 12 MONTH

 1500- HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb De |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 102/101 | | | | | | | | | | | | | | | | .2 | .2 | | 4 | 4 | |
| 100/ 99 | | | | | | | | | | | .1 | | .4 | .1 | .3 | 1.1 | .3 | | 29 | 29 | |
| 98/ 97 | | | | | | | | | | | .4 | .2 | .5 | .9 | .8 | .7 | .4 | | 33 | 33 | |
| 96/ 95 | | | | | | | | .1 | .7 | .7 | .4 | 2.3 | 1.5 | 1.3 | 2.1 | .6 | .2 | | 39 | 39 | |
| 94/ 93 | | | | | | | .2 | .5 | .6 | 1.5 | 1.1 | .9 | 1.4 | .8 | .5 | .4 | | | 57 | 67 | |
| 92/ 91 | | | | | .2 | .3 | .5 | 1.5 | 1.5 | 3.3 | 1.9 | 2.4 | .2 | 1.3 | .1 | | | | 117 | 117 | |
| 90/ 89 | | | | | .2 | .3 | .7 | 2.7 | 2.1 | 1.6 | .9 | 1.3 | .5 | .6 | .2 | .1 | | | 101 | 101 | |
| 88/ 87 | | | .1 | .3 | .4 | 1.4 | 3.2 | 2.1 | 2.9 | 1.5 | 2.6 | 1.1 | .5 | .1 | .1 | | | | 139 | 139 | |
| 86/ 85 | | | | | .5 | .9 | 1.1 | 1.5 | 1.5 | .5 | .7 | .5 | .1 | .1 | | | | | 57 | 67 | |
| 84/ 83 | | | | .2 | .7 | .2 | 3.1 | 1.3 | 2.3 | 1.2 | .2 | | .1 | | | | | | 91 | 82 | 6 |
| 82/ 81 | | | .1 | | 1.5 | 1.3 | 2.4 | 2.5 | 1.3 | .7 | .1 | .1 | | | | | | | 91 | 91 | 91 |
| 80/ 79 | | .1 | | | .1 | .7 | .2 | .4 | | | .1 | | | | | | | | 14 | 14 | 33 |
| 78/ 77 | .1 | .1 | .2 | | .2 | .4 | .1 | | | .1 | | .1 | | | | | | | 12 | 12 | 73 |
| 76/ 75 | | | | | | .1 | | .1 | | .1 | | | | | | | | | 3 | 3 | 83 |
| 74/ 73 | | | .1 | | | | .2 | | | .1 | | | | | | | | | 4 | 4 | 159 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 135 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 154 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 115 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 60 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 16 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 8 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 4 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 2 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | To |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41151 (STATION) AL JUBAYL/JUBAYRAH SAUDI ARABIA (STATION NAME) 75-84 (YEARS)



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | .1 | .3 | .1 | 1.9 | 1.7 | 4.3 | 5.1 | 10.4 | 9.2 | 12.5 | 13.1 | 10.1 | 5.3 | 5.5 | 7.3 | 13.7 | 853 | 859 | 858 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1154853 | 23196 | 38.3 | 18.124 | 858 | | | | | | | |
| Dry Bulb | 7373242 | 77233 | 92.2 | 5.385 | 959 | | | 23.3 | 22.3 | 22.1 | 13.1 | |
| Wet Bulb | 4299245 | 63533 | 73.6 | 8.536 | 859 | | | 14.7 | 32.3 | 1.7 | | |
| Dew Point | 2243277 | 43883 | 57.7 | 17.183 | 858 | | .9 | 17.3 | 5.1 | | | |

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41416 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — 0 MONT

 1277- HOURS (L

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 136/136 | | | | | | | | | | | | | | | | | .3 | | 3 | 3 | |
| 134/133 | | | | | | | | | | | | | | | | | .5 | | 5 | 5 | |
| 132/131 | | | | | | | | | | | | | | | | .2 | .2 | 2.2 | 23 | 23 | |
| 130/ 99 | | | | | | | | | | | .2 | .3 | .9 | 1.6 | 1.5 | 2.7 | 4.3 | | 133 | 133 | |
| 98/ 97 | | | | | | | | | | .1 | .6 | .7 | 1.4 | 1.2 | .5 | 2.2 | 1.2 | | 56 | 56 | |
| 96/ 95 | | | | | | | | | .2 | 1.4 | 1.3 | 4.4 | 3.3 | .3 | 2.8 | 1.4 | 1.6 | | 148 | 148 | |
| 94/ 93 | | | | | | .1 | .2 | .6 | 1.4 | .9 | 2.4 | 1.2 | 2.4 | .8 | .8 | .2 | .3 | | 99 | 99 | |
| 92/ 91 | | | | | | .5 | .3 | 1.7 | 1.7 | 1.2 | 2.6 | 2.8 | .2 | 1.8 | .6 | .5 | .1 | | 117 | 117 | |
| 90/ 89 | | | | | | .2 | | .3 | 2.3 | .8 | .8 | 1.2 | 1.3 | .6 | | .3 | | | 53 | 64 | |
| 88/ 87 | | | | | .3 | .3 | 1.3 | .3 | 2.1 | 1.4 | 2.4 | .9 | .8 | .1 | .1 | | | | 42 | 22 | |
| 86/ 85 | | | | | | | .6 | 1.9 | .7 | 2.2 | .8 | .7 | .2 | .2 | | | | | 63 | 63 | |
| 84/ 83 | | | | | .3 | .3 | .2 | .7 | .7 | .8 | 1.3 | .5 | | | | | | | 46 | 46 | 1 |
| 82/ 81 | | | | .1 | .6 | .2 | .6 | | .5 | .2 | .1 | .1 | | | | | | | 21 | 21 | 7 |
| 80/ 79 | | | .3 | | | | | | .2 | .1 | | | | | | | | | 5 | 5 | 25 |
| 78/ 77 | | | | | .1 | | | | .1 | | | .2 | | | | | | | 4 | 4 | 56 |
| 76/ 75 | | | | | | | | | | | .1 | | | | | | | | 1 | 1 | 79 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | 135 |
| 72/ 71 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 135 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 133 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 118 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 97 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 51 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 14 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 4 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 2 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | T |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41415 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — MONTH

PAGE 2 — HOURS TOTAL

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| [illegible] | .3 | 1.5 | 1.8 | 3.1 | 4.2 | 7.2 | 11.2 | 9.5 | 11.1 | 8.5 | 2.5 | 9.3 | 4.1 | 5.2 | 5.8 | 3.5 | 2.5 | 345 | 345 | 345 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | T |
| Rel. Hum. | 1313369 | 36935 | 43.7 | 18.817 | 845 | | | | | | | |
| Dry Bulb | 5335494 | 72933 | 86.4 | 5.153 | 845 | | | 92.2 | 21.5 | 81.1 | 15.7 | |
| Wet Bulb | 4124367 | 53831 | 69.6 | 5.352 | 845 | | | 66.3 | 31.5 | 2.8 | | |
| Dew Point | 3375511 | 51761 | 59.2 | 11.431 | 845 | | .6 | 27.1 | 11.8 | .7 | | |

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

40163 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-83

STATION STATION NAME YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 100/ 99 | | | | | | | | | | | | | .1 | .1 | .1 | | 1.3 | 14 | 14 | |
| 98/ 97 | | | | | | | | | | | | .1 | .1 | .1 | .7 | 1.1 | .2 | 23 | 23 | |
| 96/ 95 | | | | | | | | | .4 | .1 | | 1.1 | .4 | .7 | 1.5 | 1.1 | .7 | 53 | 53 | |
| 94/ 93 | | | | | | | .1 | .5 | .7 | .2 | 1.4 | .7 | .9 | .5 | .5 | .7 | .2 | 58 | 58 | |
| 92/ 91 | | | | | | .1 | .1 | 1.3 | 1.4 | 1.9 | 1.2 | 1.5 | .2 | 1.4 | .9 | .1 | | 87 | 87 | |
| 90/ 89 | | | | | .5 | .5 | .9 | .7 | .9 | .9 | 1.3 | 1.2 | .8 | .7 | .4 | .2 | | 77 | 77 | |
| 88/ 87 | | | | | .5 | .7 | 3.3 | 1.3 | 2.1 | .6 | 1.7 | 1.3 | .7 | 1.2 | .8 | .1 | | 123 | 123 | |
| 86/ 85 | | | | .2 | .5 | .4 | 1.5 | 1.2 | 1.3 | 1.1 | 1.8 | .5 | .6 | .1 | .5 | .4 | | 85 | 85 | |
| 84/ 83 | | | | .4 | .3 | .3 | .3 | 1.5 | 1.2 | 1.3 | 1.1 | 1.3 | 1.2 | .2 | .4 | | | 93 | 93 | |
| 82/ 81 | | | .4 | .5 | .6 | 1.1 | 1.2 | 2.6 | 1.4 | 1.7 | .6 | 1.1 | .3 | .4 | .2 | | | 105 | 105 | 1 |
| 80/ 79 | | | | | .2 | .3 | 1.9 | .1 | .2 | .5 | .2 | .1 | .2 | .1 | | | | 31 | 31 | 3 |
| 78/ 77 | | | .5 | .4 | .4 | .7 | .9 | .2 | .4 | .4 | .6 | .2 | .2 | | | | | 42 | 42 | 5 |
| 76/ 75 | | | .2 | | .1 | .5 | .3 | .5 | .1 | .1 | .1 | .5 | | | | | | 23 | 23 | 6 |
| 74/ 73 | | .2 | .1 | .2 | .4 | | .4 | | .2 | .2 | .1 | | | | | | | 16 | 16 | 11 |
| 72/ 71 | | | .2 | .1 | | | | | .1 | .2 | .1 | | | | | | | 7 | 7 | 8 |
| 70/ 69 | | .1 | | | .1 | | | | .1 | | .1 | | | | | | | 4 | 4 | 12 |
| 68/ 67 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | 10 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 7 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41161 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 2
STATION STATION NAME YEARS MON

PAGE 2 3677
HOURS TI

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| TOTAL | 7.4 | 15.3 | 15.3 | 12.3 | 9.9 | 13.5 | 7.2 | 7.2 | 5.1 | 3.7 | 1.7 | 1.2 | .7 | .4 | | | | 803 | |
| | | | | | | | | | | | | | | | | | 332 | | 332 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | T |
| Rel Hum. | 8158728 | 55073 | 68.7 | 21.933 | 802 | | | | | | | |
| Dry Bulb | 8452295 | 59713 | 74.4 | 5.749 | 803 | | | 81.8 | 59.4 | 23.0 | | |
| Wet Bulb | 3536195 | 53703 | 67.0 | 7.782 | 802 | | | 53.6 | 22.4 | 2.2 | | |
| Dew Point | 3162273 | 42571 | 51.8 | 11.267 | 802 | | .9 | 35.3 | 15.2 | .5 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

404160 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS — 9 MO

 3600 HOURS (

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 92/ 91 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | |
| 88/ 87 | | | | .1 | | .5 | | .1 | | .1 | | .1 | | .1 | | | | 2 | 2 | |
| 86/ 85 | | | .1 | | | .2 | | .2 | .1 | .1 | | .1 | .4 | | | | | 11 | 11 | |
| 84/ 83 | | .1 | 1.1 | .4 | .7 | .2 | 1.3 | .4 | .2 | .4 | | .2 | .2 | .2 | | | | 43 | 43 | 1 |
| 82/ 81 | | .7 | 2.5 | 1.2 | 2.2 | .5 | 1.3 | 1.5 | .7 | .5 | .4 | .5 | .1 | | | | | 98 | 98 | 2 |
| 80/ 79 | .1 | .7 | .7 | 1.2 | .2 | 1.4 | .5 | .5 | .4 | .2 | .4 | .4 | | | | | | 55 | 55 | 25 |
| 78/ 77 | 1.3 | 2.3 | 2.4 | 1.2 | 1.4 | 1.9 | 1.3 | .5 | .9 | .6 | .2 | .5 | | | | | | 113 | 113 | 38 |
| 76/ 75 | .7 | 2.2 | .4 | 1.5 | 1.2 | .7 | 1.3 | .4 | .5 | .4 | .1 | | | | | | | 74 | 74 | 51 |
| 74/ 73 | 1.3 | 3.2 | 2.2 | 3.1 | .1 | 1.5 | .4 | 1.3 | .6 | .4 | .2 | | | | | | | 111 | 111 | 76 |
| 72/ 71 | 1.2 | 1.4 | 1.1 | 1.1 | 1.2 | .6 | .5 | .2 | .3 | .2 | .2 | | | | | | | 56 | 66 | 73 |
| 70/ 69 | 1.3 | .6 | 2.9 | .7 | 1.3 | .6 | 1.1 | .6 | .2 | .3 | | | | | | | | 74 | 75 | 82 |
| 68/ 67 | 1.2 | .5 | 1.5 | .9 | .5 | .5 | .1 | .5 | .2 | .1 | | | | | | | | 42 | 42 | 91 |
| 66/ 65 | .6 | 2.3 | .9 | .1 | .9 | .4 | .5 | .7 | | .1 | | | | | | | | 46 | 46 | 94 |
| 64/ 63 | .6 | 1.9 | .4 | .2 | .2 | .7 | | .4 | .2 | | | | | | | | | 35 | 38 | 97 |
| 62/ 61 | .2 | .1 | | | .4 | .1 | .1 | | .4 | | | | | | | | | 11 | 11 | 49 |
| 60/ 59 | | .2 | | | .1 | .1 | | | | | | | | | | | | 4 | 4 | 45 |
| 58/ 57 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 34 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 21 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 28 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 3 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel Hum | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

[illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PAGE 1 [illegible] HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | |
| 36/ 35 | | | | .1 | | | .3 | | | | | | | | | | | 3 | 3 | |
| 34/ 33 | | .3 | .3 | .3 | .3 | .3 | .1 | .1 | | .1 | | | | | | | | 13 | 13 | |
| 32/ 31 | | 1.3 | 2.8 | 1.3 | 1.6 | .5 | .3 | .3 | .3 | | .1 | .1 | | | | | | 55 | 55 | |
| 30/ 29 | .3 | 1.6 | 1.3 | .9 | .1 | .4 | .4 | | | .1 | | .1 | | | | | | 41 | 41 | 1 |
| 28/ 27 | 1.6 | 3.2 | 2.6 | 2.2 | .9 | 1.6 | .9 | .4 | .6 | | .1 | .1 | | | | | | 126 | 126 | 5 |
| 26/ 25 | .4 | 3.7 | 2.6 | 2.4 | .6 | .9 | .4 | .3 | .3 | .3 | | | | | | | | 95 | 95 | 5 |
| 24/ 23 | 1.1 | 3.3 | 3.2 | 3.2 | .6 | .9 | 1.1 | .3 | .6 | .1 | .1 | | | | | | | 136 | 136 | 8 |
| 22/ 21 | .4 | 2.7 | 2.4 | 2.9 | .3 | .6 | .9 | .3 | .1 | .3 | | | | | | | | 89 | 89 | 17 |
| 20/ 19 | 1.3 | 1.4 | 3.6 | 1.3 | .6 | .6 | | .3 | .1 | .3 | | | | | | | | 74 | 76 | 6 |
| 18/ 17 | .9 | .9 | 3.0 | .8 | .6 | .8 | .4 | | .1 | | | | | | | | | 59 | 59 | 8 |
| 16/ 15 | 2.2 | 1.6 | .8 | .6 | .6 | .6 | .4 | .8 | | | | | | | | | | 52 | 52 | 10 |
| 14/ 13 | .3 | 1.6 | .1 | .3 | .8 | .6 | | | | .8 | | | | | | | | 37 | 37 | 5 |
| 12/ 11 | .3 | .3 | .3 | | .6 | | | | | | | | | | | | | 11 | 11 | 5 |
| 10/ 9 | .1 | | | | | .1 | | | | | | | | | | | | 2 | 2 | 2 |
| 8/ 7 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | |
| -0/ -1 | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | |
| -16/ -17 | | | | | | | | | | | | | | | | | | | | |
| -18/ -19 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 9.7 | 24.1 | 22.3 | 18.3 | 8.3 | 7.6 | 5.1 | 3.7 | 1.9 | 1.9 | .4 | .4 | | | | | | 733 | 792 | 79 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 3251357 | 53335 | 77.1 | 18.868 | 792 | | | | | | |
| Dry Bulb | 4253382 | 57924 | 73.1 | 5.241 | 792 | | | 32.3 | 34.5 | 11.4 | |
| Wet Bulb | 3593943 | 53765 | 68.1 | 6.599 | 791 | | | 55.6 | 25.8 | 1.3 | |
| Dew Point | 3381733 | 51115 | 64.7 | 9.715 | 791 | | .3 | 45.7 | 17.9 | .7 | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUI

41152 (STATION) AL JUBAYL/JUBAIRAH SAUDI ARABIA (STATION NAME) 75-84 (YEARS)



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | Dry Bulb | We |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 83/ 79 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | |
| 78/ 77 | | | .3 | .1 | .1 | .1 | | | | | | | | | | | | 5 | 5 | |
| 76/ 75 | | | .5 | .2 | .1 | .1 | | | | | | | | | | | | 11 | 11 | |
| 74/ 73 | .1 | 2.1 | 2.2 | .2 | .3 | .1 | .5 | | | | | | | | | | | 48 | 48 | |
| 72/ 71 | .3 | 2.1 | 2.2 | 1.4 | 1.3 | .1 | .1 | | | | | | | | | | | 58 | 58 | |
| 70/ 69 | .3 | 1.4 | 4.4 | 1.2 | 1.1 | | | | .1 | | | | | | | | | 56 | 56 | |
| 68/ 67 | 1.6 | 1.9 | 4.3 | 1.7 | .9 | .1 | .1 | | .3 | | | | | | | | | 93 | 83 | |
| 66/ 65 | 1.6 | 6.7 | 2.8 | 2.5 | .9 | .1 | .1 | .5 | | | | | | | | | | 116 | 118 | |
| 64/ 63 | 1.9 | 6.1 | 2.3 | 3.2 | 2.3 | 1.2 | .3 | .4 | | | | | | | | | | 137 | 137 | |
| 62/ 61 | .9 | 3.9 | 1.6 | 1.3 | 1.3 | .5 | .1 | | | | | | | | | | | 72 | 72 | |
| 60/ 59 | 1.6 | 1.4 | 2.6 | 1.6 | 1.6 | 1.7 | .1 | | | | | | | | | | | 76 | 76 | |
| 58/ 57 | | 1.4 | .5 | 1.2 | .8 | .5 | | | | | | | | | | | | 33 | 33 | |
| 56/ 55 | .3 | 1.6 | .8 | 1.7 | .9 | .1 | .3 | | | | | | | | | | | 43 | 43 | |
| 54/ 53 | .1 | .4 | .4 | .2 | | .4 | | | | | | | | | | | | 17 | 17 | |
| 52/ 51 | .3 | | .3 | | | | | | | | | | | | | | | 4 | 4 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 1 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 9.1 | 29.3 | 25.4 | 17.6 | 11.4 | 4.5 | 1.7 | .9 | .4 | | | | | | | | | 772 | 773 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 5372417 | 61535 | 79.7 | 14.742 | 772 | | | | | | |
| Dry Bulb | 3253543 | 49973 | 64.5 | 5.455 | 773 | | | 31.7 | 7.5 | | |
| Wet Bulb | 2395543 | 45957 | 60.3 | 6.287 | 772 | | | 17.3 | 1.2 | | |
| Dew Point | 2533748 | 44663 | 57.9 | 8.398 | 772 | | .3 | 12.1 | .2 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

404152 STATION — AL JUBAYL/JUBAYRAH SAUDI ARABIA STATION NAME — 75-84 YEARS

PART 1 — 06 HOUR

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | | | .3 | .1 | | | .1 | .1 | | | | | | | | | 5 | 5 | | |
| 78/ 77 | | | .4 | .2 | .3 | | | | | | | | | | | | | 12 | 12 | | |
| 76/ 75 | .1 | .3 | .4 | .5 | .3 | .4 | .3 | | | | | | | | | | | 18 | 19 | | |
| 74/ 73 | .3 | 2.0 | 1.3 | 2.0 | | .3 | .4 | | | | | | | | | | | 42 | 42 | | |
| 72/ 71 | .3 | 1.3 | 2.0 | .8 | 1.0 | .3 | | | .1 | | | | | | | | | 46 | 46 | | |
| 70/ 69 | .5 | 1.1 | 2.2 | 1.7 | .9 | 1.4 | .1 | | .1 | | | | | | | | | 53 | 53 | | |
| 68/ 67 | .5 | .9 | 4.0 | .8 | 1.1 | .8 | .6 | .9 | .1 | | | | | | | | | 76 | 77 | | |
| 66/ 65 | .9 | 4.8 | 2.2 | 1.3 | 1.9 | 1.9 | .8 | .3 | | | | | | | | | | 114 | 114 | | |
| 64/ 63 | 3.7 | 4.5 | 2.3 | 4.2 | 2.6 | 1.3 | .5 | .4 | | | | | | | | | | 137 | 157 | | 1. |
| 62/ 61 | .4 | 2.0 | 2.8 | 1.1 | 2.5 | .3 | .1 | | | | | | | | | | | 73 | 73 | | |
| 60/ 59 | .5 | 1.8 | 1.8 | 2.7 | 2.3 | 1.7 | .4 | .1 | | | | | | | | | | 83 | 85 | | |
| 58/ 57 | .3 | .9 | .9 | .5 | .5 | .5 | | | | | | | | | | | | 29 | 29 | | |
| 56/ 55 | .1 | .9 | .4 | 1.5 | 1.7 | | | .1 | | | | | | | | | | 37 | 37 | | |
| 54/ 53 | | .3 | .1 | .3 | .4 | .3 | | | | | | | | | | | | 14 | 15 | | |
| 52/ 51 | | .1 | .4 | | .1 | .3 | | | | | | | | | | | | 7 | 7 | | |
| 50/ 49 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7.7 | 21.3 | 21.0 | 19.1 | 15.2 | 9.1 | 3.2 | 1.9 | .5 | | | | | | | | | | 796 | | |
| | | | | | | | | | | | | | | | | | | 794 | | 7 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4521715 | 53343 | 75.1 | 16.162 | 784 | | | | | | |
| Dry Bulb | 3525499 | 50939 | 64.9 | 5.571 | 785 | | | 30.8 | 9.5 | | |
| Wet Bulb | 3353334 | 47022 | 59.7 | 6.552 | 784 | | | 15.2 | 1.1 | | |
| Dew Point | 3333313 | 44751 | 56.2 | 8.288 | 784 | | .5 | 9.1 | .7 | | |

USAFETAC FORM 0-26-5 (OL-A) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

424152 STATION | AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME | 75-84 YEARS | M

 397 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| 86/ 87 | | | | | | | | .1 | | | .1 | | | | | | | 2 | 2 | |
| 84/ 85 | | | | | | | | .4 | .2 | | .2 | | | | | | | 7 | 7 | |
| 82/ 83 | | | | .1 | .4 | .2 | 1.6 | 1.2 | .5 | .4 | .1 | .1 | .3 | | | | | 45 | 45 | |
| 80/ 81 | | | | 1.3 | 1.1 | 3.3 | 4.9 | 2.4 | 2.1 | 1.4 | .7 | .4 | .2 | | | | | 144 | 144 | |
| 78/ 79 | | | | 1.6 | 1.1 | 2.7 | 1.3 | 1.3 | 1.3 | .6 | .4 | .1 | | | | | | 81 | 81 | |
| 76/ 77 | | | .6 | 1.2 | 2.4 | 3.2 | 2.1 | 2.4 | 2.1 | .8 | .2 | | | | | | | 124 | 124 | |
| 74/ 75 | | .2 | .6 | 1.3 | 1.5 | 2.5 | 1.2 | 1.3 | .6 | .4 | | .1 | | | | | | 82 | 82 | 1 |
| 72/ 73 | | .4 | .8 | 2.4 | .8 | 1.2 | 2.4 | 1.4 | 1.5 | .1 | .1 | | | | | | | 88 | 85 | 4 |
| 70/ 71 | | | .6 | 1.3 | .7 | 1.2 | 2.4 | .8 | .6 | .1 | | | | | | | | 61 | 61 | 7 |
| 68/ 69 | .2 | .1 | 1.1 | 1.1 | .7 | 2.1 | 1.7 | 1.2 | .5 | .2 | | | | | | | | 75 | 75 | 11 |
| 66/ 67 | | .1 | .6 | .4 | 1.3 | .8 | .8 | .2 | .1 | | | | | | | | | 36 | 36 | 9 |
| 64/ 65 | .4 | .4 | | .6 | .7 | 1.1 | 1.4 | .6 | | | | | | | | | | 42 | 42 | 12 |
| 62/ 63 | | | | .7 | .2 | 1.4 | .7 | .6 | | | | | | | | | | 31 | 31 | 8 |
| 60/ 61 | | .1 | | .1 | .4 | .2 | .5 | | | | | | | | | | | 11 | 11 | 9 |
| 58/ 59 | | | | .1 | | .1 | .2 | | | | | | | | | | | 4 | 4 | 7 |
| 56/ 57 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 5 |
| 54/ 55 | | | | | | .1 | .1 | | | | | | | | | | | | | 3 |
| 52/ 53 | | | | | | | | | | | | | | | | | | | | 2 |
| 50/ 51 | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 49 | | | | | | | | | | | | | | | | | | | | |
| 46/ 47 | | | | | | | | | | | | | | | | | | | | |
| 44/ 45 | | | | | | | | | | | | | | | | | | | | |
| 42/ 43 | | | | | | | | | | | | | | | | | | | | |
| 40/ 41 | | | | | | | | | | | | | | | | | | | | |
| 38/ 39 | | | | | | | | | | | | | | | | | | | | |
| 36/ 37 | | | | | | | | | | | | | | | | | | | | |
| 34/ 35 | | | | | | | | | | | | | | | | | | | | |
| 32/ 33 | | | | | | | | | | | | | | | | | | | | |
| 30/ 31 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .6 | 1.3 | 4.3 | 11.3 | 11.3 | 19.3 | 23.9 | 13.9 | 9.1 | 4.3 | 1.9 | .7 | 1.1 | | | | | | 943 | |
| | | | | | | | | | | | | | | | | | | 942 | | 84 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 2764196 | 44553 | 55.3 | 15.322 | 942 | | | | | | |
| Dry Bulb | 4771301 | 63225 | 75.1 | 5.912 | 843 | | | 80.3 | 51.9 | 23.7 | |
| Wet Bulb | 3513545 | 59157 | 64.3 | 6.332 | 842 | | | 35.9 | 5.1 | | |
| Dew Point | 2373365 | 47233 | 57.3 | 9.755 | 842 | | .2 | 12.3 | 1.2 | | |

USAFETAC FORM AN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

40151 — STATION
AL JUBAYL/JABARAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

 12 HOU

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | Dry Bulb | TOT Wet B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | • 31 | | | |
| 92/ 91 | | | | | | | | | .1 | | | | .1 | .1 | | .1 | | 4 | 4 | |
| 90/ 89 | | | | | | | | | | | .1 | .2 | | .2 | .1 | | | 11 | 11 | |
| 88/ 87 | | | | | | | .2 | | 1.3 | .5 | 2.3 | 1.3 | 1.2 | 1.2 | | | | 61 | 61 | |
| 86/ 85 | | | | | | .5 | 1.3 | 1.3 | 1.3 | 1.5 | 1.5 | .5 | .4 | .2 | | | | 73 | 73 | |
| 84/ 83 | | | | | .5 | .5 | 3.7 | 2.7 | 2.3 | 2.3 | 1.1 | .9 | 1.3 | .2 | | | | 133 | 133 | |
| 82/ 81 | | | | .2 | 1.5 | 2.3 | 4.2 | 5.3 | 4.3 | 2.9 | 2.2 | .6 | .1 | | | | | 138 | 139 | |
| 80/ 79 | | | | .4 | .5 | 1.3 | 1.3 | 3.3 | 2.1 | 1.5 | .2 | .7 | | | | | | 94 | 94 | |
| 78/ 77 | | | | .1 | .2 | 1.5 | 3.6 | 2.5 | 2.1 | .9 | .1 | .2 | .1 | | | | | 98 | 98 | |
| 76/ 75 | | | .4 | .1 | .7 | 1.2 | 1.1 | .9 | .4 | .5 | | | | | | | | 43 | 43 | |
| 74/ 73 | | | | .3 | .2 | .9 | 2.2 | 1.3 | .9 | .5 | | | | | | | | 53 | 54 | |
| 72/ 71 | | | | .1 | | .4 | 1.6 | .5 | .5 | .1 | | | | | | | | 26 | 26 | |
| 70/ 69 | | | | | | .5 | .2 | .1 | .5 | .1 | | | | | | | | 13 | 13 | 1 |
| 68/ 67 | | | .1 | .1 | .2 | .1 | .2 | .2 | .1 | | | | | | | | | 10 | 10 | 1 |
| 66/ 65 | | | | .1 | .1 | | .4 | | | | | | | | | | | 5 | 5 | 1 |
| 64/ 63 | | | | | | | | .1 | | .2 | | | | | | | | 3 | 3 | 1 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| TOTA | | | .5 | 1.7 | 4.9 | 9.1 | 20.1 | 19.3 | 15.7 | 11.2 | 7.2 | 4.3 | 3.3 | 2.7 | .1 | .1 | | | 917 | |
| | | | | | | | | | | | | | | | | | | 315 | | 8 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 1313977 | 37335 | 45.9 | 12.675 | 815 | | | | | | |
| Dry Bulb | 5312357 | 65749 | 80.5 | 5.789 | 817 | | | 89.1 | 33.7 | 57.1 | |
| Wet Bulb | 3353791 | 53731 | 66.2 | 4.349 | 815 | | | 42.5 | 7.6 | | |
| Dew Point | 2552832 | 46312 | 56.5 | 8.232 | 815 | | .7 | 8.9 | .3 | | |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

43151 (STATION) AL JUBAYL/JUBAYAH SAUDI ARABIA (STATION NAME) 75-84 (YEARS)

PART I 157 (HOURS)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99/ 97 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | |
| 97/ 91 | | | | | | | | | | | .1 | | | | .1 | .1 | | 1 | 1 | |
| 93/ 89 | | | | | | | | | | | | | .4 | .1 | | | | 4 | 4 | |
| 88/ 87 | | | | | | | | .1 | | .2 | .7 | .3 | .5 | .2 | | | | 23 | 23 | |
| 86/ 85 | | | | | | .1 | .1 | .5 | .2 | .5 | .1 | .5 | .2 | .1 | | | | 21 | 21 | |
| 84/ 83 | | | | | .2 | .4 | 1.5 | 1.2 | 1.4 | 1.4 | 1.5 | .4 | | | | | | 72 | 72 | |
| 82/ 81 | | | | 1.1 | 1.7 | 2.9 | 7.3 | 3.4 | 2.5 | 1.7 | 1.7 | .2 | .4 | | | | | 131 | 132 | |
| 80/ 79 | | | | 1.1 | 1.3 | 3.8 | 2.2 | 2.3 | 1.5 | .7 | .1 | .2 | | | | | | 117 | 117 | |
| 78/ 77 | | | .1 | 1.1 | 2.8 | 3.5 | 3.5 | 3.7 | 2.3 | .2 | .2 | | .1 | | | | | 147 | 147 | |
| 76/ 75 | | | .1 | .5 | 1.8 | 2.4 | 2.5 | 1.5 | | .1 | | | | | | | | 76 | 76 | 17 |
| 74/ 73 | | .1 | .1 | 1.3 | .5 | 1.7 | 2.3 | 1.1 | .2 | .4 | | | | | | | | 72 | 72 | 37 |
| 72/ 71 | | | .1 | .1 | .5 | .3 | 2.3 | .9 | .1 | .1 | .1 | | | | | | | 37 | 37 | 53 |
| 70/ 69 | | | .1 | .1 | 1.2 | 1.5 | 1.2 | .3 | .5 | | | | | | | | | 47 | 47 | 152 |
| 68/ 67 | | | | | .5 | .2 | .1 | .2 | .1 | | | | | | | | | 13 | 13 | 126 |
| 66/ 65 | | | .1 | .5 | .5 | .1 | .5 | .1 | | | | | | | | | | 15 | 15 | 121 |
| 64/ 63 | | | .2 | .2 | | | .1 | .1 | | | | | | | | | | 6 | 6 | 121 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 97 |
| 60/ 59 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 95 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 22 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| TOTA | .1 | 1.3 | 5.3 | 11.3 | 23.7 | 23.5 | 15.2 | 9.6 | 5.5 | 4.3 | 2.2 | 1.7 | .5 | .2 | .1 | | | 833 | 834 | 83 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2403417 | 43397 | 52.1 | 13.292 | 833 | | | | | | |
| Dry Bulb | 5295219 | 65293 | 78.2 | 5.119 | 834 | | | 87.5 | 77.5 | 35.5 | .1 |
| Wet Bulb | 3533745 | 54217 | 65.2 | 8.683 | 833 | | | 43.3 | 5.3 | | |
| Dew Point | 2369348 | 43945 | 58.2 | 7.578 | 833 | | .1 | 9.8 | .6 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUM

41413 — STATION
AL JUBAYL/JHARRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS

Page 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet B |
| 42/ 31 | | | | .5 | .4 | .5 | .5 | .5 | .5 | .1 | | | | | | | | 25 | 25 | |
| 22/ 22 | | | .3 | 1.5 | 1.1 | 2.4 | | .3 | .1 | | | | | | | | | 45 | 49 | |
| 32/ 27 | | .1 | 1.9 | 5.7 | 4.6 | 3.1 | .5 | .3 | .3 | .1 | .1 | | | | | | | 131 | 131 | |
| 32/ 25 | | .4 | 1.5 | 3.3 | 2.3 | 1.9 | 1.5 | .3 | | | | | | | | | | 134 | 135 | |
| 34/ 33 | .3 | .4 | 1.5 | 9.7 | 1.5 | 2.4 | 2.2 | .5 | .1 | | | | | | | | | 147 | 147 | |
| 32/ 31 | .1 | .5 | 1.9 | 2.3 | 3.3 | 2.4 | .5 | | | | | | | | | | | 93 | 93 | |
| 33/ 29 | | .3 | 2.9 | 1.4 | 2.7 | 2.9 | .5 | | | | | | | | | | | 78 | 79 | 1 |
| 33/ 27 | | .1 | .3 | .3 | 2.5 | .3 | .1 | | | | | | | | | | | 35 | 35 | 1 |
| 56/ 55 | .1 | .5 | .9 | 3.1 | 2.3 | .5 | .3 | .1 | | | | | | | | | | 56 | 55 | |
| 44/ 43 | | | 1.2 | 1.7 | 1.3 | 1.4 | | | | | | | | | | | | 43 | 41 | |
| 52/ 51 | | | .2 | .3 | .1 | .1 | | | | | | | | | | | | 6 | 6 | |
| 52/ 49 | | | | .3 | .1 | .3 | | | | | | | | | | | | 5 | 5 | |
| 58/ 57 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | |
| 56/ 55 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | |
| TOTA | .5 | 2.5 | 12.8 | 32.4 | 22.6 | 18.1 | 7.1 | 2.2 | 1.3 | .3 | .1 | | | | | | | 786 | 789 | 2 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 3751735 | 53537 | 68.2 | 11.746 | 785 | | | | | | |
| Dry Bulb | 4175579 | 57277 | 72.5 | 9.738 | 789 | | | 76.2 | 52.5 | 3.5 | |
| Wet Bulb | 3873722 | 51545 | 65.5 | 5.136 | 785 | | | 38.7 | 5.2 | | |
| Dew Point | 2282234 | 48118 | 51.2 | 5.230 | 785 | | | 19.5 | 1.8 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

403150 STATION | AL JUBAYL/JHAFRAH SAUDI ARABIA STATION NAME | 75-84 YEARS | MO

 2100 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 114/ 83 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | |
| 92/ 81 | | | | .1 | .1 | .2 | | .1 | .1 | | | | | | | | | 5 | 5 | |
| 90/ 79 | | | | .2 | .1 | .1 | .1 | | | | | | | | | | | 5 | 5 | |
| 88/ 77 | | | 1.7 | 3.3 | 1.3 | .2 | .2 | .4 | | | | | | | | | | 53 | 53 | |
| 86/ 75 | | .9 | 1.7 | 2.3 | .7 | .4 | .1 | | | | | | | | | | | 54 | 54 | 1 |
| 84/ 73 | .1 | 2.3 | 3.8 | 5.1 | .5 | .5 | .5 | .1 | .1 | | | | | | | | | 117 | 117 | 21 |
| 82/ 71 | .5 | 1.9 | 3.5 | 2.5 | 1.2 | .5 | 1.5 | | | | | | | | | | | 94 | 94 | 83 |
| 79/ 69 | .2 | 1.7 | 7.7 | 1.3 | 2.6 | 1.5 | .2 | | .1 | | | | | | | | | 125 | 126 | 79 |
| 77/ 67 | .1 | .7 | 5.2 | 1.3 | 1.5 | .9 | .1 | | | | | | | | | | | 85 | 85 | 131 |
| 75/ 65 | .2 | 2.5 | 2.2 | 3.5 | 2.1 | .4 | .5 | | | | | | | | | | | 96 | 96 | 107 |
| 73/ 63 | .1 | 1.5 | 2.5 | 3.3 | 2.3 | 1.3 | | .1 | | | | | | | | | | 89 | 89 | 99 |
| 72/ 61 | .2 | .9 | 1.3 | 1.5 | .9 | | .1 | | | | | | | | | | | 41 | 41 | 84 |
| 70/ 59 | .2 | .4 | 1.2 | .5 | .5 | .2 | .2 | | | | | | | | | | | 27 | 27 | 64 |
| 68/ 57 | | .1 | .9 | .2 | .4 | | .1 | | | | | | | | | | | 16 | 16 | 58 |
| 66/ 55 | .1 | | | .1 | | | | | | | | | | | | | | 2 | 2 | 34 |
| 64/ 53 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 32 |
| 63/ 51 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 11 |
| 61/ 49 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 |
| 59/ 47 | | | | | | | | | | | | | | | | | | | | 2 |
| 57/ 45 | | | | | | | | | | | | | | | | | | | | 5 |
| 55/ 43 | | | | | | | | | | | | | | | | | | | | |
| 52/ 41 | | | | | | | | | | | | | | | | | | | | |
| 50/ 39 | | | | | | | | | | | | | | | | | | | | |
| 48/ 37 | | | | | | | | | | | | | | | | | | | | |
| 46/ 33 | | | | | | | | | | | | | | | | | | | | |
| TOTA | 2.3 | 12.1 | 32.3 | 29.1 | 13.3 | 5.5 | 3.5 | .7 | .5 | | | | | | | | | | 822 | |
| | | | | | | | | | | | | | | | | | | 823 | | 823 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8797737 | 61324 | 75.5 | 12.175 | 823 | | | | | | |
| Dry Bulb | 3242771 | 56759 | 69.2 | 5.279 | 822 | | | 60.3 | 26.6 | .8 | |
| Wet Bulb | 3391115 | 52521 | 64.1 | 5.757 | 823 | | | 34.9 | 3.1 | | |
| Dew Point | 3171193 | 43937 | 53.7 | 7.385 | 823 | | | 18.8 | 1.1 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41103 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
PART I — HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| ≥ 87 / 97 | | | | | | | | | | | | | | | .0 | | | 1 | 1 | | |
| 82 / 91 | | | | | | | | | .0 | | .0 | | .0 | .0 | .0 | .0 | | 7 | 7 | | |
| 77 / 86 | | | | | | | | | | | .0 | .0 | .0 | .1 | .0 | | | 15 | 15 | | |
| 72 / 81 | | | | | | | .0 | .0 | .2 | .1 | .4 | .2 | .2 | .2 | | | | 35 | 35 | | |
| 67 / 76 | | | | | | .1 | .2 | .2 | .3 | .3 | .2 | .1 | .1 | .0 | | | | 121 | 121 | | |
| 62 / 71 | | | | .2 | .2 | .2 | .6 | .7 | .6 | .5 | .3 | .2 | .3 | .3 | | | | 251 | 251 | | |
| 57 / 66 | | | | .4 | .6 | 1.1 | 2.2 | 1.6 | 1.2 | .8 | .5 | .2 | .1 | | | | | 550 | 550 | | |
| 52 / 61 | | | .1 | .5 | .6 | 1.6 | .6 | .2 | .6 | .4 | .1 | .1 | | | | | | 355 | 355 | | |
| 47 / 56 | | .0 | .6 | 1.3 | 1.6 | 1.6 | 1.3 | 1.2 | .9 | .3 | .1 | .0 | .0 | | | | | 570 | 570 | 3 | |
| 42 / 51 | .0 | .2 | .3 | 1.6 | 1.3 | 1.1 | .9 | .6 | .1 | .1 | | .2 | | | | | | 422 | 423 | 64 | |
| 37 / 46 | .1 | 1.1 | 1.6 | 3.3 | .6 | 1.0 | 1.4 | .6 | .4 | .1 | .2 | | | | | | | 550 | 552 | 214 | |
| 32 / 41 | .2 | .9 | 1.6 | 1.2 | 1.1 | .8 | 1.3 | .2 | .2 | .2 | .2 | | | | | | | 459 | 459 | 515 | |
| 27 / 36 | .3 | .7 | 3.2 | .9 | 1.2 | 1.2 | .5 | .3 | .2 | .0 | | | | | | | | 565 | 565 | 706 | |
| 22 / 31 | .3 | .7 | 2.6 | .8 | 1.3 | .6 | .3 | .2 | .1 | | | | | | | | | 439 | 439 | 835 | |
| 17 / 26 | .6 | 2.6 | 1.3 | 1.3 | 1.2 | .6 | .6 | .2 | | | | | | | | | | 569 | 573 | 838 | |
| 12 / 21 | .3 | 2.2 | 1.4 | 2.1 | 1.3 | 1.2 | .2 | .2 | | .1 | | | | | | | | 585 | 586 | 822 | |
| 7 / 16 | .2 | 1.1 | .9 | .7 | .7 | .1 | .1 | | | | | | | | | | | 259 | 259 | 695 | |
| 2 / 11 | .3 | .6 | .2 | .7 | .7 | .4 | .2 | .1 | | | | | | | | | | 246 | 247 | 517 | |
| -3 / 6 | .1 | .4 | .3 | .5 | .2 | .2 | .0 | | | | | | | | | | | 107 | 108 | 414 | |
| -8 / 1 | .1 | .3 | .2 | .5 | .4 | .1 | .2 | .1 | | | | | | | | | | 107 | 107 | 266 | |
| -13 / -4 | .0 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | | | 34 | 35 | 248 | |
| -18 / -9 | .2 | .0 | .1 | .2 | .0 | .0 | | | | | | | | | | | | 16 | 16 | 138 | |
| -23 / -14 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 4 | 100 | |
| -28 / -19 | | | | | | | | | | | | | | | | | | | | 52 | |
| -33 / -24 | | | | | | | | | | | | | | | | | | | | 22 | |
| -38 / -29 | | | | | | | | | | | | | | | | | | | | 7 | |
| -43 / -34 | | | | | | | | | | | | | | | | | | | | 1 | |
| -48 / -39 | | | | | | | | | | | | | | | | | | | | | |
| -53 / -44 | | | | | | | | | | | | | | | | | | | | | |
| -58 / -49 | | | | | | | | | | | | | | | | | | | | | |
| -63 / -54 | | | | | | | | | | | | | | | | | | | | | |
| -68 / -59 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26 5 (OL A) 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41152 — AL JUBAYL/DHAHRAN SAUDI ARABIA — 75-84

STATION — STATION NAME — YEARS

PAGE 2

HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | | | | |
| 24/23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | | 3.2 | 13.3 | 15.3 | 17.2 | 12.7 | 11.5 | 13.5 | 6.2 | 4.3 | 2.7 | 1.7 | .3 | .9 | .4 | .1 | .1 | | | | | 5448 | | |
| | | | | | | | | | | | | | | | | | | | | | | 6435 | | 643 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 33272361 | 876341 | 56.7 | 19.592 | 6435 | | | | | | |
| Dry Bulb | 3337963 | 461263 | 71.5 | 7.793 | 6443 | | | 534.3 | 339.3 | 125.2 | .1 |
| Wet Bulb | 25359269 | 479953 | 63.7 | 6.275 | 6435 | | | 261.5 | 31.4 | | |
| Dew Point | 22394915 | 375893 | 58.4 | 8.249 | 6435 | | 2.1 | 135.8 | 6.7 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

424152 STATION — AL JUBAYL/JUBAYAN SAUDI ARABIA STATION NAME — 75-84 YEARS — DEC MONTH

PAGE 1 0000-0 HOURS L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | .4 | .4 | | | | | | | | | | | | | 6 | 6 | | |
| 70/ 69 | | | .4 | 3.5 | .2 | .6 | | | | | | | | | | | | 39 | 39 | 4 | |
| 68/ 67 | | 1.3 | 2.6 | | | .5 | .2 | | | | | | | | | | | 37 | 37 | 27 | |
| 66/ 65 | .7 | 4.6 | 1.3 | | .4 | .1 | | | | | | | | | | | | 59 | 59 | 55 | |
| 64/ 63 | .5 | 5.4 | 2.5 | 1.3 | .5 | .1 | .1 | | | | | | | | | | | 79 | 79 | 69 | |
| 62/ 61 | 1.1 | 2.8 | 1.7 | 2.2 | 1.1 | | .1 | | | | | | | | | | | 74 | 74 | 67 | |
| 60/ 59 | 1.2 | 4.2 | 3.7 | 1.4 | 1.1 | .4 | .6 | | | | | | | | | | | 135 | 135 | 56 | |
| 58/ 57 | .8 | 3.2 | .8 | 2.2 | 1.3 | .3 | .5 | | | | | | | | | | | 78 | 78 | 67 | |
| 56/ 55 | 1.1 | 3.5 | 3.1 | 2.7 | .7 | .4 | .1 | | | | | | | | | | | 98 | 98 | 91 | |
| 54/ 53 | .3 | 2.9 | 2.3 | 2.9 | 1.3 | | .1 | | | | | | | | | | | 76 | 76 | 65 | |
| 52/ 51 | .4 | 3.4 | 2.9 | 1.3 | .5 | .2 | | | | | | | | | | | | 69 | 69 | 37 | |
| 50/ 49 | | 2.5 | 2.2 | 1.1 | .5 | | | | | | | | | | | | | 52 | 52 | 101 | |
| 48/ 47 | .1 | .6 | 1.4 | .3 | | | | | | | | | | | | | | 25 | 25 | 76 | |
| 46/ 45 | | .4 | .3 | .4 | | | | | | | | | | | | | | 13 | 13 | 39 | |
| 44/ 43 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 27 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 11 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5.1 | 35.3 | 29.2 | 17.5 | 7.3 | 2.4 | 1.6 | | | | | | | | | | | | 833 | | |
| | | | | | | | | | | | | | | | | | | 833 | | 833 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5463294 | 66574 | 79.9 | 13.367 | 833 | | | | | | | |
| Dry Bulb | 2375835 | 48673 | 58.4 | 5.128 | 833 | | | 9.3 | .2 | | | |
| Wet Bulb | 2357345 | 45817 | 55.2 | 6.539 | 833 | | | 3.5 | | | | |
| Dew Point | 2311165 | 43335 | 52.2 | 8.398 | 833 | | .7 | .4 | | | | |

USAFETAC FORM AWS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

41010 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 1
3333-3 — HOURS (L. S.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb Dew |
| 78/ 77 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | |
| 72/ 71 | .1 | | .5 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 1 |
| 70/ 69 | | .6 | 1.6 | | .4 | .1 | | | | | | | | | | | | 21 | 21 | 2 |
| 68/ 67 | .2 | 1.1 | 2.6 | | | .1 | | | | | | | | | | | | 33 | 33 | 14 |
| 66/ 65 | .2 | 2.4 | 1.3 | .1 | .2 | | .2 | .1 | | | | | | | | | | 39 | 40 | 35 |
| 64/ 63 | 1.5 | 5.5 | 2.2 | 1.7 | .5 | .2 | | | | | | | | | | | | 131 | 131 | 55 |
| 62/ 61 | .5 | 1.8 | 1.6 | 1.6 | .2 | | | | | | | | | | | | | 48 | 48 | 62 |
| 60/ 59 | 1.5 | 5.4 | 2.1 | 2.3 | 1.1 | | .4 | | | | | | | | | | | 134 | 134 | 63 |
| 58/ 57 | .4 | 2.6 | 1.2 | .9 | 1.3 | 1.2 | .4 | | | | | | | | | | | 50 | 50 | 73 |
| 56/ 55 | .9 | 4.7 | 1.5 | 1.3 | 1.2 | 1.2 | | | | | | | | | | | | 86 | 86 | 71 |
| 54/ 53 | 1.7 | 3.1 | 2.3 | 1.6 | .9 | .4 | | | | | | | | | | | | 75 | 75 | 73 |
| 52/ 51 | 1.6 | 3.3 | 4.2 | 2.2 | .6 | .1 | | | | | | | | | | | | 99 | 99 | 71 |
| 50/ 49 | .9 | 3.1 | 2.6 | 1.6 | .6 | | | | | | | | | | | | | 73 | 73 | 84 |
| 48/ 47 | .4 | 2.1 | 1.6 | 1.2 | .1 | | | | | | | | | | | | | 45 | 46 | 104 |
| 46/ 45 | .4 | | 1.3 | .4 | | | | | | | | | | | | | | 21 | 23 | 64 |
| 44/ 43 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 29 |
| 42/ 41 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 22 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| TOTA | 9.6 | 35.8 | 25.9 | 15.3 | 7.0 | 3.3 | 1.0 | .1 | | | | | | | | | | | 520 | |
| | | | | | | | | | | | | | | | | | | 517 | | 317 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5435865 | 55643 | 80.4 | 18.351 | 317 | | | | | | | |
| Dry Bulb | 2597424 | 45743 | 57.2 | 5.325 | 323 | | | 7.3 | .1 | | | |
| Wet Bulb | 2399372 | 43913 | 53.8 | 6.373 | 817 | | | 2.4 | | | | |
| Dew Point | 2152961 | 41831 | 50.7 | 8.735 | 817 | | .8 | 1.8 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMM

41+150 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS
JA — MONTH

PAGE 1 — HOURS 2677-

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | De |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | .1 | .1 | | | | .1 | | | | | | | | | | | 3 | 3 | | | |
| 72/ 71 | | | .3 | .1 | .1 | | .5 | | | | | | | | | | | 5 | 5 | 1 | | |
| 70/ 69 | .1 | .4 | 1.5 | .3 | .1 | | | | | | | | | | | | | 19 | 19 | 5 | | |
| 68/ 67 | .1 | .4 | 1.9 | | | | .1 | | | | | | | | | | | 15 | 15 | 15 | | |
| 66/ 65 | .8 | 2.6 | 1.3 | .5 | .1 | .3 | | | | | | | | | | | | 44 | 44 | 31 | | |
| 64/ 63 | 1.1 | 5.7 | 1.2 | 1.4 | .3 | .5 | .3 | | | | | | | | | | | 77 | 71 | 32 | | |
| 62/ 61 | .6 | 3.1 | 2.9 | 1.3 | .1 | | .1 | | | | | | | | | | | 63 | 63 | 67 | | |
| 60/ 59 | 1.3 | 3.1 | 2.3 | .9 | 1.4 | | .5 | | | | | | | | | | | 78 | 78 | 42 | | |
| 58/ 57 | .8 | 2.3 | 1.6 | 1.3 | 1.3 | .4 | | | | | | | | | | | | 53 | 53 | 64 | | |
| 56/ 55 | 1.1 | 3.3 | 1.2 | 1.2 | 2.5 | .5 | .5 | | | | | | | | | | | 35 | 35 | 54 | | |
| 54/ 53 | .6 | 2.3 | 2.4 | 1.5 | .8 | .5 | .3 | | | | | | | | | | | 54 | 54 | 61 | | |
| 52/ 51 | .5 | 2.7 | 4.4 | 2.3 | 1.5 | .2 | | | | | | | | | | | | 33 | 33 | 65 | | |
| 50/ 49 | | 1.4 | 2.6 | 2.4 | .9 | | | | | | | | | | | | | 58 | 58 | 59 | | |
| 48/ 47 | .5 | 3.2 | 2.3 | 1.3 | .6 | | | | | | | | | | | | | 72 | 72 | 124 | | |
| 46/ 45 | | 1.1 | 2.4 | 1.1 | | | | | | | | | | | | | | 37 | 37 | 93 | | |
| 44/ 43 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 42 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 29 | | |
| 40/ 39 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 11 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | 7.6 | 32.0 | 27.4 | 15.7 | 10.1 | 2.9 | 1.9 | | | | | | | | | | | | 717 | | | |
| | | | | | | | | | | | | | | | | | | 796 | | 796 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | To |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5332370 | 622447 | 78.2 | 14.818 | 796 | | | | | | | |
| Dry Bulb | 2573375 | 44757 | 56.4 | 5.513 | 797 | | | 5.1 | .4 | | | |
| Wet Bulb | 2252595 | 42355 | 52.8 | 7.155 | 796 | | | 2.5 | | | | |
| Dew Point | 2138223 | 39298 | 49.4 | 9.125 | 796 | | 2.7 | .3 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAI

41361 — STATION
AL JUBAYL/JUBAYRAH SAUDI ARABIA — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 1
2300-11 — HOURS

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥48/ 83 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | .2 | .1 | .2 | | | | | | | | | 5 | 5 | | |
| 78/ 77 | | | .1 | .1 | .2 | .3 | .4 | .2 | .1 | | .1 | | | | | | | 22 | 22 | | |
| 76/ 75 | | | .1 | .2 | .4 | .3 | .3 | .1 | .1 | | | | | | | | | 25 | 25 | | |
| 74/ 73 | | | .4 | 2.7 | .1 | 1.4 | 1.1 | .4 | .1 | .1 | | | | | | | | 55 | 55 | 1 | |
| 72/ 71 | | .2 | .3 | 1.3 | .3 | 1.1 | 1.2 | .2 | .1 | | | | | | | | | 51 | 51 | 3 | |
| 70/ 69 | | .5 | 1.2 | 1.5 | 1.9 | 4.3 | .7 | 1.1 | .2 | .1 | | | | | | | | 132 | 132 | 12 | |
| 68/ 67 | .1 | .4 | 1.6 | 1.4 | 2.1 | 1.5 | .5 | .7 | .1 | .1 | | | | | | | | 74 | 74 | 47 | |
| 66/ 65 | | .3 | 1.2 | 2.3 | 2.6 | 1.2 | 2.3 | .5 | .2 | | | | | | | | | 122 | 122 | 63 | |
| 64/ 63 | .1 | 1.1 | .3 | 2.3 | 2.7 | 4.6 | 1.3 | 1.1 | .1 | | | | | | | | | 121 | 121 | 79 | |
| 62/ 61 | .4 | 1.2 | 1.2 | 1.2 | 2.7 | .3 | .2 | .2 | .1 | | | | | | | | | 72 | 72 | 85 | |
| 60/ 59 | .1 | .2 | .2 | 1.5 | 2.5 | 1.3 | 2.2 | | | | | | | | | | | 60 | 60 | 97 | |
| 58/ 57 | | .7 | .3 | 1.1 | 1.5 | 1.1 | .2 | .1 | | | | | | | | | | 47 | 47 | 74 | |
| 56/ 55 | | .4 | .2 | 1.3 | 1.5 | .4 | | | | | | | | | | | | 41 | 41 | 91 | |
| 54/ 53 | | .1 | .2 | 1.1 | .5 | .1 | .4 | | | | | | | | | | | 23 | 23 | 93 | |
| 52/ 51 | | .2 | .5 | .2 | .5 | .2 | | | | | | | | | | | | 21 | 21 | 62 | |
| 50/ 49 | | | .1 | .5 | .2 | | | | | | | | | | | | | 7 | 7 | 62 | |
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 57 | |
| 46/ 45 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 21 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 12 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .7 | 5.6 | 13.0 | 21.8 | 32.7 | 20.6 | 13.2 | 7.7 | 5.3 | 1.6 | .5 | .1 | | | | | | 353 | | 853 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 3612613 | 53141 | 62.3 | 15.311 | 353 | | | | | | | |
| Dry Bulb | 3217149 | 55272 | 64.8 | 6.371 | 353 | | | 36.5 | 11.8 | .2 | | |
| Wet Bulb | 2329173 | 43824 | 57.2 | 5.413 | 353 | | | 7.5 | .1 | | | |
| Dew Point | 2273163 | 43825 | 57.8 | 8.382 | 353 | | 1.7 | 1.3 | | | | |

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] HOURS [illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | | |
| [illegible] | | | | | | | | | | | .2 | .1 | .1 | .1 | | | | 4 | 3 | | | |
| [illegible] | | | | | .1 | | .2 | 1.2 | 1.[illegible] | .1 | .2 | | .1 | | | | | 12 | 12 | | | |
| [illegible] | | | | | | .2 | 1.4 | .3 | .2 | .5 | .1 | | | | | | | 31 | 33 | | | |
| [illegible] | | | | .3 | .[illegible] | [illegible] | 2.2 | 1.2 | 1.2 | .[illegible] | .2 | .1 | | | | | | 1 | 1 | | | |
| [illegible] | | | | .2 | .2 | 1.5 | 1.5 | 1.5 | .5 | .2 | .2 | | | | | | | 11 | 11 | | | |
| [illegible] | | | | 1.7 | .2 | [illegible] | 4.[illegible] | [illegible] | 3.2 | .2 | .2 | | | | | | | 135 | 137 | 1 | | |
| [illegible] | | | .2 | .4 | 1.2 | 1.7 | 3.4 | .3 | .5 | .2 | .1 | | | | | | | 51 | 50 | 3 | | |
| [illegible] | | | 1.4 | 1.4 | [illegible] | 4.1 | [illegible] | [illegible] | .5 | .2 | | | | | | | | 137 | 137 | 24 | | |
| [illegible] | | | .6 | .2 | 1.2 | 2.1 | 1.[illegible] | .3 | .2 | .2 | | | | | | | | 53 | 50 | 53 | | |
| [illegible] | | .2 | .1 | .3 | .[illegible] | [illegible] | [illegible] | .2 | .1 | .1 | | | | | | | | 71 | 71 | 93 | | |
| [illegible] | | .6 | .2 | .4 | 1.[illegible] | 2.3 | 1.[illegible] | 1.3 | .2 | .1 | | | | | | | | 31 | 32 | 103 | | |
| [illegible] | | | .2 | | .2 | 1.4 | .[illegible] | .2 | .1 | | | | | | | | | 27 | 27 | 139 | | |
| [illegible] | .1 | .5 | .1 | .2 | .[illegible] | .5 | .[illegible] | | | | | | | | | | | 21 | 21 | 96 | | |
| [illegible] | | .1 | .1 | .1 | .1 | | .1 | | | | | | | | | | | 5 | [illegible] | 126 | | |
| [illegible] | .1 | .2 | | | .2 | | | | | | | | | | | | | 2 | [illegible] | 78 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 50 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 45 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 24 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | .2 | 1.4 | 3.1 | 7.3 | [illegible] | [illegible] | [illegible] | [illegible] | 3.5 | 4.3 | 2.3 | .2 | .2 | .1 | | | | | [illegible] | | | |
| | | | | | | | | | | | | | | | | | | 353 | | | 358 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2453333 | [illegible] | 51.[illegible] | 13.755 | 353 | | | | | | | |
| Dry Bulb | 4333731 | [illegible] | 72.[illegible] | 5.545 | 353 | | | 72.2 | 41.3 | 4.5 | | |
| Wet Bulb | 3121126 | [illegible] | 59.2 | 5.142 | 353 | | | 9.2 | .1 | | | |
| Dew Point | 2322382 | [illegible] | 51.4 | 3.123 | 353 | | 1.1 | .7 | | | | |

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDI

(41[illegible]) STATION [illegible] DHAHRAN SAUDI ARABIA STATION NAME 75-84 PERIOD [illegible] MON

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | T N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 22-02 | 100.0 | 96.7 | 75.9 | 53.6 | 34.3 | 24.1 | 13.5 | 4.4 | 1.3 | 45.2 | |
| | 03-05 | 99.9 | 94.1 | 72.9 | 48.1 | 29.3 | 16.4 | 9.3 | 4.0 | 1.6 | 43.4 | |
| | 06-08 | 99.4 | 79.5 | 51.4 | 29.5 | 14.4 | 6.2 | 3.1 | 1.2 | .3 | 34.2 | |
| | 09-11 | 91.5 | 46.0 | 14.7 | 4.1 | 1.3 | 1.2 | .2 | | | 21.5 | |
| | 12-14 | 83.2 | 34.4 | 12.2 | 3.7 | 1.5 | .9 | .2 | | | 19.4 | |
| | 15-17 | 94.2 | 46.3 | 17.2 | 6.5 | 2.4 | .5 | .1 | | | 22.4 | |
| | 18-20 | 99.9 | 82.4 | 49.4 | 23.7 | 15.5 | 6.2 | .6 | .1 | | 34.2 | |
| | 21-23 | 100.0 | 93.9 | 69.2 | 46.7 | 32.3 | 19.4 | 8.5 | 2.3 | .6 | 43.6 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 95.5 | 71.5 | 45.4 | 27.2 | 15.4 | 9.3 | 4.5 | 1.5 | .5 | 33.2 | |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDI

[illegible] STATION [illegible] STATION NAME 73-84 PERIOD [illegible] MON

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TO NO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| [illegible] | 00-02 | 100.0 | 99.3 | 92.5 | 81.4 | 62.3 | 42.7 | 23.8 | 9.2 | 1.7 | 56.5 | |
| | 03-05 | 100.0 | 98.5 | 94.4 | 85.4 | 63.3 | 41.7 | 25.2 | 12.5 | 3.4 | 57.5 | |
| | 06-08 | 100.0 | 97.3 | 83.1 | 63.5 | 39.9 | 24.5 | 11.3 | 5.2 | 1.3 | 48.4 | |
| | 09-11 | 99.1 | 72.9 | 41.9 | 21.3 | 9.5 | 2.5 | 1.1 | .2 | | 32.5 | |
| | 12-14 | 95.5 | 53.4 | 28.7 | 13.5 | 4.3 | .3 | .1 | | | 25.4 | |
| | 15-17 | 99.3 | 68.5 | 39.2 | 18.4 | 8.7 | 2.2 | .5 | | | 29.5 | |
| | 18-20 | 100.0 | 95.2 | 74.5 | 48.3 | 29.1 | 11.8 | 3.3 | .5 | .1 | 42.1 | |
| | 21-23 | 100.0 | 97.9 | 88.7 | 72.5 | 52.1 | 32.5 | 13.5 | 3.4 | .5 | 51.2 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.3 | 85.9 | 67.9 | 47.9 | 32.3 | 19.5 | 10.3 | 3.9 | .9 | 42.7 | |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDIT

(41b3) DHAHRAN SAUDI ARABIA 75-84 APR
STATION STATION NAME PERIOD MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOT NO OF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 98.4 | 92.6 | 80.1 | 61.1 | 33.5 | 21.5 | 5.3 | 66.7 | |
| | 03-05 | 100.0 | 100.0 | 99.1 | 93.5 | 82.3 | 63.9 | 46.5 | 28.6 | 8.1 | 67.7 | |
| | 06-08 | 100.0 | 100.0 | 96.2 | 85.2 | 66.3 | 48.6 | 30.7 | 17.6 | 5.2 | 60.6 | |
| | 09-11 | 99.6 | 90.9 | 66.9 | 37.7 | 18.7 | 10.6 | 3.9 | 1.2 | | 48.6 | |
| | 12-14 | 99.2 | 80.7 | 47.0 | 22.4 | 12.3 | 4.6 | 1.1 | .5 | .1 | 32.2 | |
| | 15-17 | 99.6 | 86.3 | 59.1 | 34.5 | 18.3 | 8.7 | 2.5 | .6 | | 35.7 | |
| | 18-20 | 100.0 | 98.5 | 91.3 | 72.1 | 46.2 | 26.6 | 13.5 | 3.6 | .4 | 50.9 | |
| | 21-23 | 100.0 | 100.0 | 98.6 | 89.8 | 68.7 | 48.2 | 26.8 | 13.2 | 2.1 | 62.3 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 94.6 | 82.2 | 66.2 | 49.2 | 34.2 | 20.4 | 10.6 | 2.7 | 51.6 | 5 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDI

41432 STATION | AL JUBAY/JUBAYRAH SAUDI ARABIA STATION NAME | 75-84 PERIOD | MAR MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TO NO C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 93.5 | 84.2 | 65.3 | 71.2 | 44.5 | 17.3 | 76.7 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.2 | 95.3 | 87.2 | 75.9 | 51.9 | 24.7 | 79.3 | |
| | 06-08 | 100.0 | 100.0 | 99.5 | 97.7 | 93.5 | 77.5 | 63.5 | 41.2 | 15.5 | 74.4 | |
| | 09-11 | 100.0 | 99.1 | 89.5 | 73.7 | 51.5 | 32.5 | 17.5 | 3.7 | 1.2 | 52.4 | |
| | 12-14 | 100.0 | 93.5 | 73.8 | 48.3 | 25.7 | 13.1 | 7.8 | 3.5 | 1.7 | 42.7 | |
| | 15-17 | 100.0 | 96.3 | 82.3 | 59.3 | 33.1 | 13.3 | 10.1 | 4.1 | 1.7 | 45.1 | |
| | 18-20 | 100.0 | 100.0 | 98.3 | 91.7 | 75.3 | 52.3 | 31.2 | 15.1 | 3.5 | 62.2 | |
| | 21-23 | 100.0 | 100.0 | 99.2 | 96.4 | 92.2 | 77.2 | 53.7 | 25.5 | 8.3 | 71.1 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.7 | 93.0 | 83.4 | 69.9 | 55.5 | 41.4 | 24.8 | 9.9 | 63.2 | 5 |

USAFETAC FORM JUL 84 0-87-5 OL A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDI

[illegible] STATION  A. JUBAY/DHAHRAN SAUDI ARABIA STATION NAME  75-84 PERIOD  FEB MONT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TC NC ( |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 99.2 | 87.3 | 71.7 | 37.0 | 57.4 | 25.6 | 81.5 | |
| | 03-05 | 100.0 | 100.0 | 99.9 | 98.9 | 95.4 | 93.3 | 84.1 | 65.4 | 36.2 | 83.3 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.9 | 95.7 | 89.6 | 80.1 | 58.4 | 30.5 | 81.3 | |
| | 09-11 | 100.0 | 100.0 | 98.0 | 89.1 | 73.3 | 53.1 | 35.7 | 15.9 | 5.2 | 62.5 | |
| | 12-14 | 100.0 | 99.2 | 87.4 | 65.0 | 41.3 | 24.3 | 11.1 | 5.1 | 2.3 | 49.1 | |
| | 15-17 | 100.0 | 99.7 | 93.3 | 73.1 | 49.5 | 28.6 | 15.9 | 7.2 | 3.4 | 52.4 | |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.6 | 87.9 | 59.2 | 47.4 | 19.9 | 4.7 | 68.2 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 96.7 | 88.8 | 73.9 | 39.8 | 13.2 | 75.8 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 97.3 | 93.3 | 79.9 | 57.4 | 53.9 | 33.9 | 15.1 | 69.4 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDI1

41415 STATION — AL JUBAYL/JUAIMAH SAUDI ARABIA STATION NAME — 75-84 PERIOD — JAN. MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TO NO O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.2 | 97.6 | 93.4 | 82.7 | 56.4 | 22.6 | 81.3 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.1 | 98.5 | 93.1 | 83.1 | 62.1 | 32.3 | 82.3 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.6 | 97.1 | 91.9 | 83.5 | 55.5 | 25.2 | 81.9 | |
| | 09-11 | 100.0 | 100.0 | 99.6 | 95.4 | 85.2 | 61.7 | 43.2 | 19.7 | 4.5 | 65.1 | |
| | 12-14 | 100.0 | 99.9 | 97.3 | 85.3 | 57.3 | 27.1 | 14.3 | 5.1 | 1.5 | 54.3 | |
| | 15-17 | 100.0 | 99.6 | 97.3 | 87.3 | 65.1 | 31.9 | 15.1 | 5.3 | 1.5 | 55.7 | |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.1 | 95.2 | 72.3 | 52.3 | 22.3 | 5.1 | 72.7 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.3 | 96.5 | 93.9 | 76.3 | 43.9 | 12.5 | 77.1 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 99.3 | 95.7 | 85.5 | 71.3 | 55.5 | 33.4 | 13.5 | 71.1 | 5 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATI

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATION

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84

STATION STATION NAME YEARS

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MEAN | 51.[illegible] | 53.8 | 58.1 | 63.5 | 68.2 | 69.8 | 72.9 | 73.[illegible] | 74.2 | 69.[illegible] | [illegible]2.6 | 55.[illegible] | |
| 01-03 | S D | 5.851 | 5.945 | 5.851 | 5.126 | 4.973 | 5.100 | 6.219 | 6.295 | 5.740 | 5.153 | 5.[illegible]9[illegible] | 6.699 | |
| | TOTAL OBS | 744 | 737 | 844 | 8[illegible]0 | 808 | 775 | 619 | 799 | 789 | 54 | 7[illegible]3 | 823 | |
| | MEAN | 50.7 | 52.8 | 57.5 | 62.6 | 67.2 | 68.0 | 71.0 | 71.0 | 72.3 | 68.1 | 60.8 | 53.9 | |
| 04-06 | S D | 5.215 | 5.185 | 5.242 | 5.315 | 5.086 | 5.351 | 5.746 | 5.795 | 5.502 | 5.599 | 5.287 | 5.873 | |
| | TOTAL OBS | 782 | 748 | 849 | 789 | 818 | 798 | 82[illegible] | 815 | 795 | 79[illegible] | 772 | 817 | |
| | MEAN | 49.7 | 52.4 | 57.6 | 63.1 | 68.2 | 67.8 | 70.6 | 69.8 | 71.6 | 67.0 | 60.[illegible] | 52.9 | |
| 07-09 | S D | 5.312 | 5.507 | 5.395 | 5.379 | 4.959 | 5.587 | 6.922 | 7.[illegible]98 | 7.[illegible]07 | 7.082 | 6.550 | 7.155 | |
| | TOTAL OBS | 790 | 722 | 809 | 784 | 832 | 780 | 809 | 821 | 777 | 8[illegible]2 | 784 | 796 | |
| | MEAN | 54.1 | 56.3 | 60.4 | 65.1 | 70.0 | 70.8 | 73.1 | 73.1 | 73.8 | 69.6 | 64.3 | 57.2 | |
| 10-11 | S D | 5.913 | 5.528 | 5.216 | 4.518 | 4.345 | 4.525 | 4.958 | 5.597 | [illegible].744 | 5.952 | 6.002 | 6.414 | |
| | TOTAL OBS | 359 | 791 | 873 | 827 | 878 | 825 | 852 | 858 | 829 | 845 | 842 | 855 | |
| | MEAN | 56.7 | 57.7 | 61.3 | 65.8 | 70.6 | 72.2 | 74.5 | 74.1 | 74.6 | 7[illegible].6 | 66.[illegible] | 59.9 | |
| 12-14 | S D | 4.772 | 4.533 | 4.833 | 4.455 | 4.521 | 4.429 | 4.633 | 4.624 | 4.951 | 4.536 | 4.849 | 5.140 | |
| | TOTAL OBS | 853 | 791 | 860 | 844 | 876 | 818 | 83[illegible] | 851 | 835 | 858 | 815 | 858 | |
| | MEAN | 56.3 | 57.5 | 61.0 | 65.8 | 70.4 | 72.1 | 75.1 | 74.6 | 75.2 | 71.8 | 66.9 | 59.6 | |
| 15-17 | S D | 4.534 | 4.630 | 5.133 | 4.764 | 4.955 | 4.556 | 4.737 | 4.893 | 4.621 | 4.936 | 4.583 | 5.064 | |
| | TOTAL OBS | 856 | 773 | 873 | 853 | 859 | 831 | 858 | 875 | 841 | 851 | 833 | 86[illegible] | |
| | MEAN | 55.3 | 56.8 | 60.7 | 65.5 | 70.4 | 72.2 | 75.5 | 75.[illegible] | 77.1 | 72.9 | 65.6 | 58.2 | |
| 18-20 | S D | 4.343 | 4.675 | 5.187 | 4.753 | 4.535 | 4.547 | 4.931 | 5.279 | 4.395 | 4.725 | 5.136 | 5.605 | |
| | TOTAL OBS | 798 | 730 | 819 | 800 | 838 | 806 | 849 | 833 | 812 | 811 | 786 | [illegible]23 | |
| | MEAN | 53.7 | 55.7 | 59.7 | 64.9 | 69.6 | 71.6 | 75.1 | 75.6 | 76.4 | 71.9 | 64.1 | 55.4 | |
| 21-23 | S D | 5.502 | 4.996 | 5.355 | 4.897 | 4.737 | 4.854 | 5.732 | 5.828 | 4.967 | 5.560 | 5.757 | 6.00[illegible] | |
| | TOTAL OBS | 811 | 759 | 838 | 795 | 817 | 783 | 833 | 834 | 792 | 815 | 82[illegible] | [illegible]34 | |
| | MEAN | 53.6 | 55.4 | 59.6 | 64.6 | 69.4 | 70.6 | 73.5 | 73.4 | 74.4 | 7[illegible].2 | 63.7 | 56.7 | |
| ALL HOURS | S D | 5.015 | 5.742 | 5.739 | 5.045 | 4.935 | 5.166 | 5.926 | 6.181 | 5.844 | 5.969 | 6.076 | 6.51[illegible] | |
| | TOTAL OBS | 5523 | 5351 | 5765 | 6492 | 6725 | 5416 | 5671 | 5686 | 5470 | 5[illegible]25 | 6435 | 6580 | |

USAF ETAC FORM OCT 75 0-89-5 (OL A)

2

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIA1

...RY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...4150 STATION ... JUBAYL/JHAHRA, SAUDI ARABIA STATION NAME 75-84 YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MEAN | 54. | 56.9 | 62.6 | 71.2 | 7x.3 | 85.7 | 87.1 | 85.6 | 81.3 | 74.8 | 66.7 | 58. |
| -07 | S D | 5.758 | 5.795 | 5.723 | 5. 36 | 5.438 | 5.587 | 4.652 | 4.499 | 3.911 | 5.511 | 5.494 | 6.126 |
| | TOTAL OBS | 758. | 74_. | 845. | 8_4. | 511. | 777. | 8_2. | 802. | 791. | 757. | 784. | 833. |
| | MEAN | 53.4 | 55.5 | 61.3 | 69.6 | 78._ | 84.3 | 86.1 | 84.9 | 79.7 | 73.1 | 64.6 | 57._ |
| -08 | S D | 5.809 | 5.982 | 6.57_ | 5.722 | 5.394 | 5.242 | 4.505 | 4.478 | 3.976 | 5.241 | 5.456 | 6.32_ |
| | TOTAL OBS | 753. | 755. | 851. | 789. | 819. | 799. | 820. | _18. | 799. | 792. | 773. | 820._ |
| | MEAN | 52.6 | 55.4 | 62.5 | 72.3 | 82.5 | 88.2 | 89.7 | 87.7 | 82.2 | 74.4 | 64.8 | 56. |
| -09 | S D | 5.110 | 5.064 | 6.771 | 6.142 | 5.033 | 5.139 | 4.961 | 4.721 | 4.891 | 6. 49 | 5.671 | 6.518 |
| | TOTAL OBS | 731. | 724. | 811. | 765. | 834. | 783. | _10. | 821. | 776. | 803. | 756. | 797._ |
| | MEAN | 50.4 | 53.7 | 71.4 | 82.6 | 93.3 | 1 0.2 | 102.0 | 99.7 | 95.2 | 86.4 | 7 .0 | 54.5 |
| -11 | S D | 5.667 | 5.652 | 6.599 | 6.194 | 5.756 | 4.491 | 4.3_3 | 4.291 | 4.912 | 6.163 | 5.712 | 6.471 |
| | TOTAL OBS | 652. | 793. | 874. | 827. | 878. | _25. | 852. | 860. | 832. | 845. | 843. | 852._ |
| | MEAN | 56.3 | 59.2 | 76._ | 86.7 | 97.1 | 1 4.2 | 1 6.2 | 104.2 | 1 0._ | 92.2 | 0.5 | 70.8 |
| 1 -14 | S D | 4.898 | 5.113 | 6._07 | 6.516 | 5.933 | 4.544 | 4. 49 | 3.513 | 4.2 2 | 5.346 | 6. 89 | 5.546 |
| | TOTAL OBS | 654. | 793. | 851. | 846. | _76. | 821. | 832. | 852. | 837. | 859. | 817. | 8_6._ |
| | MEAN | 65.4 | 68._ | 74.4 | 84.4 | 94.5 | 1 1.4 | 1 3.1 | 101.2 | 97.6 | 8 .9 | 7 .3 | 69.2 |
| 1_-17 | S D | 4.673 | 5.294 | 6.883 | 6.635 | 5.83_ | 4.177 | 4._34 | 3.641 | 4.132 | 5.245 | 5.114 | 5.335 |
| | TOTAL OBS | 857. | 775. | 875. | 893. | 859. | 834. | 859. | 876. | 841. | 852. | 834. | 866._ |
| | MEAN | 60.8 | 62.9 | 68.9 | 78._ | 87.7 | 94.3 | 95.9 | 94.1 | 90.1 | 82.2 | 72.6 | 64.0 |
| -20 | S D | 4.497 | 4.466 | 6._28 | 5.515 | 5.19_ | 4.235 | 4._26 | 3.517 | 3.445 | 4.571 | 4.738 | 5._62 |
| | TOTAL OBS | 739. | 7_2. | 823. | _03. | 839. | 812. | _51. | 837. | 812. | 811. | 784. | 824._ |
| | MEAN | 57.6 | 59.8 | 65.5 | 74.2 | 83._ | 89.1 | 90.5 | 88.9 | 4.9 | 78.2 | 69.3 | 60.8 |
| 1-23 | S D | 5.146 | 4.757 | 6._92 | 5.465 | 4.998 | 4.739 | 4.123 | 3.378 | 3.792 | 5.122 | 5.278 | 5.50 |
| | TOTAL OBS | 814. | 763. | 843. | 797. | 818. | 787. | 834. | 835. | 795. | 816. | 822. | 837._ |
| | MEAN | 59.1 | 51.5 | 67.9 | 77.5 | 87.1 | 93.6 | 95.2 | 3.5 | 89.2 | 81.5 | 71.5 | 62.6 |
| ALL HOURS | S D | 7.251 | 7.428 | 8.473 | 8.6 2 | 8.354 | 8.669 | 8.497 | 8.211 | 8.697 | 8.726 | 7.791 | 7.7_4 |
| | TOTAL OBS | 6.3_8 | 5072 | 6777 | 6504 | 5736 | 6438 | 6683 | 67_1 | 6485 | 6535 | 6448 | 665._ |

USAF ETAC FORM OCT 79 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUM

[illegible] STATION  [illegible] STATION NAME  75-84 YEARS

PART I

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | Dry Bulb | TOT Wet B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50/ 49 | .1 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | 736 | 711 | 25 |
| 48/ 47 | .1 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 569 | 671 | 15 |
| 46/ 45 | .0 | .2 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 429 | 414 | 9 |
| 44/ 43 | .2 | .2 | .2 | .2 | .0 | .0 | | | | | | | | | | | | 91 | 91 | 4 |
| 42/ 41 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | 54 | 54 | 2 |
| 40/ 39 | .2 | .2 | .0 | .2 | | | | | | | | | | | | | | 7 | 7 | 1 |
| 38/ 37 | | .0 | .0 | .0 | | | | | | | | | | | | | | 5 | 5 | |
| 36/ 35 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | |
| TOTA | 2.2 | 9.2 | 10.5 | 10.3 | 8.7 | 8.4 | 7.7 | 6.0 | 5.3 | 4.4 | 4.1 | 4.3 | 3.5 | 3.1 | 3.0 | 2.9 | 6.5 | 78504 | | |
| | | | | | | | | | | | | | | | | | | 78439 | | 784 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 278485892 | 4273836 | 54.5 | 24.222 | 78439 | | | | | | |
| Dry Bulb | 532485535 | 5153723 | 78.5 | 15.319 | 78503 | | | 6818.5 | 5535.1 | 4275.7 | 1825.2 |
| Wet Bulb | 342229319 | 5135341 | 65.5 | 9.258 | 78439 | | .1 | 8315.7 | 1988.9 | 495.1 | 1.2 |
| Dew Point | 266353823 | 4333719 | 57.2 | 11.153 | 78439 | | 83.9 | 1663.8 | 858.8 | 225.6 | .4 |

USAFETAC FORM 0-26-5 (OLA) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUM

41150 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS

PAGE 1

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet |
| 119/117 | | | | | | | | | | | | | | | | | .0 | 12 | 12 | |
| 115/115 | | | | | | | | | | | | | | | | | .1 | 12 | 12 | |
| 114/113 | | | | | | | | | | | | | | | | | .1 | 101 | 101 | |
| 112/111 | | | | | | | | | | | | | .1 | | .1 | .1 | .2 | 183 | 183 | |
| 110/109 | | | | | | | | | | | | .1 | .0 | .0 | .1 | .1 | .6 | 998 | 998 | |
| 108/107 | | | | | | | | | .2 | | .1 | .1 | .1 | .1 | .1 | .1 | .7 | 658 | 658 | |
| 106/105 | | | | | | .1 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .1 | .2 | 1.4 | 1426 | 1426 | |
| 104/103 | | | | | | .1 | | .1 | | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | 1225 | 1225 | |
| 102/101 | | | | | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .2 | .0 | .3 | .4 | .5 | 1.0 | 1919 | 1926 | |
| 100/ 99 | | | | .0 | .0 | .2 | .1 | .1 | .1 | .1 | .1 | .3 | .5 | .6 | .7 | .9 | .2 | 3476 | 3481 | |
| 98/ 97 | | | | | .0 | .0 | .1 | .0 | .1 | .1 | .2 | .2 | .3 | .4 | .3 | .4 | .2 | 1839 | 1946 | |
| 96/ 95 | | | | .0 | .2 | .1 | .2 | .1 | .3 | .2 | .3 | .7 | .6 | .3 | .5 | .3 | .2 | 3153 | 3158 | |
| 94/ 93 | | | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .2 | .3 | .3 | .5 | .3 | .2 | .1 | .0 | 1986 | 1990 | |
| 92/ 91 | .0 | .0 | .1 | .1 | .2 | .3 | .1 | .1 | .3 | .5 | .4 | .7 | .2 | .4 | .2 | .1 | .1 | 3071 | 3075 | |
| 90/ 89 | .0 | .0 | .0 | .2 | .2 | .2 | .2 | .3 | .3 | .4 | .4 | .4 | .3 | .2 | .1 | .1 | .0 | 2480 | 2485 | |
| 88/ 87 | .0 | .1 | .1 | .2 | .4 | .3 | .6 | .3 | .5 | .4 | .6 | .4 | .3 | .3 | .2 | .2 | .2 | 3670 | 3673 | |
| 86/ 85 | .0 | .1 | .2 | .1 | .2 | .4 | .3 | .3 | .4 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | | 2624 | 2627 | |
| 84/ 83 | .0 | .2 | .3 | .4 | .4 | .2 | .7 | .5 | .5 | .5 | .4 | .4 | .3 | .1 | .1 | | | 3948 | 3953 | 1 |
| 82/ 81 | .1 | .3 | .5 | .6 | .6 | .6 | 1.0 | .9 | .8 | .5 | .5 | .3 | .1 | .0 | .0 | .0 | | 5356 | 5371 | 1 |
| 80/ 79 | .0 | .2 | .2 | .3 | .3 | .5 | .3 | .4 | .3 | .2 | .2 | .1 | .1 | .1 | | | | 2517 | 2522 | 2 |
| 78/ 77 | .1 | .2 | .4 | .6 | .7 | .7 | .6 | .5 | .5 | .3 | .1 | .1 | .0 | | | | | 3972 | 3978 | 2 |
| 76/ 75 | .0 | .2 | .2 | .5 | .4 | .5 | .4 | .2 | .2 | .1 | .1 | .0 | | | | | | 2155 | 2159 | 3 |
| 74/ 73 | .1 | .3 | .4 | 1.0 | .3 | .6 | .7 | .4 | .3 | .1 | .0 | .0 | .0 | | | | | 3336 | 3345 | 5 |
| 72/ 71 | .2 | .2 | .4 | .5 | .4 | .4 | .5 | .2 | .1 | .1 | .1 | .1 | | | | | | 2311 | 2316 | 6 |
| 70/ 69 | .1 | .2 | 1.0 | .5 | .6 | .8 | .4 | .4 | .1 | .1 | .0 | | | | | | | 3280 | 3288 | 7 |
| 68/ 67 | .1 | .2 | .2 | .3 | .7 | .4 | .3 | .2 | .1 | .1 | | | | | | | | 2496 | 2502 | 6 |
| 66/ 65 | .2 | .2 | .7 | .3 | .6 | .5 | .5 | .2 | .1 | .0 | .0 | | | | | | | 3500 | 3505 | 6 |
| 64/ 63 | .2 | 1.0 | .2 | 1.2 | .3 | .2 | .3 | .2 | .1 | .1 | | | | | | | | 4529 | 4537 | 5 |
| 62/ 61 | .2 | .3 | .5 | .5 | .5 | .2 | .1 | .1 | .0 | .1 | | | | | | | | 2302 | 2305 | 5 |
| 60/ 59 | .1 | 1.1 | .3 | .7 | .6 | .3 | .2 | .1 | .1 | | | | | | | | | 3329 | 3339 | 8 |
| 58/ 57 | .1 | .4 | .4 | .4 | .2 | .1 | .1 | .0 | .0 | | | | | | | | | 1391 | 1392 | 4 |
| 56/ 55 | .2 | .7 | .5 | .5 | .3 | .1 | .1 | .1 | | | | | | | | | | 1827 | 1831 | 3 |
| 54/ 53 | .1 | .3 | .4 | .3 | .1 | .1 | .0 | | | | | | | | | | | 1141 | 1143 | 3 |
| 52/ 51 | .1 | .5 | .5 | .3 | .1 | .1 | .1 | | | | | | | | | | | 1255 | 1257 | 2 |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | |

USAFETAC FORM AUG 64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SU

41413 — STATION
A. JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb |
| 86/ 85 | | | | | | | | | | | .0 | | .0 | | | | | 2 | 2 |
| 84/ 83 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | 7 | 7 |
| 82/ 81 | | | | | .0 | | .1 | .3 | .3 | .0 | .1 | | .0 | | | | | 51 | 51 |
| 80/ 79 | | | | | | .2 | .2 | .2 | .1 | .1 | .1 | | | | | | | 51 | 51 |
| 78/ 77 | | | .0 | .1 | .3 | .5 | .4 | .5 | .2 | .1 | .1 | .1 | | | | | | 158 | 158 |
| 76/ 75 | | | .0 | .3 | .2 | .3 | .5 | .2 | .2 | .2 | .1 | | | | | | | 165 | 165 |
| 74/ 73 | | .0 | .1 | 1.2 | .2 | .9 | 1.3 | .7 | .5 | .2 | .0 | | | | | | | 346 | 346 |
| 72/ 71 | .2 | .1 | .5 | .3 | .5 | .7 | 1.1 | .2 | .1 | .1 | .1 | | | | | | | 294 | 295 |
| 70/ 69 | .0 | .3 | 2.2 | 1.1 | 1.3 | 2.0 | .9 | .7 | .1 | .1 | .0 | | | | | | | 585 | 586 |
| 68/ 67 | .1 | .5 | 2.2 | .5 | 1.4 | .9 | .5 | .3 | .1 | .1 | | | | | | | | 439 | 439 |
| 66/ 65 | .3 | 1.9 | 1.5 | 1.5 | 1.2 | 1.0 | 1.2 | .4 | .1 | .0 | | | | | | | | 610 | 611 |
| 64/ 63 | .4 | 3.2 | 2.1 | 3.2 | 1.3 | 2.2 | .7 | .5 | .1 | .1 | | | | | | | | 961 | 963 |
| 62/ 61 | .5 | 1.6 | 1.6 | 1.4 | 1.3 | .4 | .3 | .1 | .0 | | | | | | | | | 475 | 475 |
| 60/ 59 | .5 | 2.6 | 2.2 | 1.6 | 1.7 | .6 | .7 | .2 | | | | | | | | | | 554 | 557 |
| 58/ 57 | .2 | 1.3 | .9 | 1.3 | .9 | .6 | .3 | .1 | | | | | | | | | | 366 | 367 |
| 56/ 55 | .4 | 1.9 | 1.3 | 1.6 | 1.0 | .5 | .1 | | | | | | | | | | | 455 | 455 |
| 54/ 53 | .3 | 1.1 | 1.1 | 1.2 | .6 | .1 | .1 | | | | | | | | | | | 284 | 284 |
| 52/ 51 | .3 | 1.3 | 1.7 | .9 | .5 | .1 | | | | | | | | | | | | 329 | 329 |
| 50/ 49 | .1 | .9 | 1.1 | .7 | .3 | .0 | | | | | | | | | | | | 211 | 211 |
| 48/ 47 | .1 | .8 | .7 | .5 | .1 | | | | | | | | | | | | | 151 | 151 |
| 46/ 45 | .0 | .2 | .6 | .2 | | | | | | | | | | | | | | 72 | 74 |
| 44/ 43 | | .0 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 |
| 42/ 41 | | | .0 | | | | | | | | | | | | | | | 1 | 1 |
| 40/ 39 | .0 | | | | | | | | | | | | | | | | | 1 | 1 |
| 38/ 37 | | .0 | | | | | | | | | | | | | | | | 1 | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | |
| TOTA | 3.3 | 17.9 | 19.7 | 13.4 | 13.1 | 11.5 | 9.4 | 4.2 | 2.0 | .9 | .4 | .1 | .0 | .0 | | | | 5592 | 5597 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 33373357 | 461237 | 69.3 | 17.934 | 6683 | | | | | | |
| Dry Bulb | 25731588 | 420263 | 62.8 | 7.784 | 6697 | | | 233.3 | 87.0 | 7.2 | |
| Wet Bulb | 21792323 | 378537 | 56.7 | 6.517 | 6683 | | | 45.8 | .3 | | |
| Dew Point | 19253256 | 344729 | 51.6 | 8.921 | 6683 | | 8.8 | 6.7 | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SU

41152 — STATION
AL JUBAYL/DHAHRAN SAUDI ARABIA — STATION NAME
75-84 — YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb |
| 79/ 77 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 |
| 76/ 75 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 |
| 74/ 73 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 |
| 72/ 71 | | .1 | .3 | 1.2 | .2 | | | | | | | | | | | | | 21 | 21 |
| 70/ 69 | | .4 | 3.1 | .7 | | .1 | | .2 | | | | | | | | | | 33 | 33 |
| 68/ 67 | .1 | 1.0 | 4.5 | .4 | .7 | | .1 | .1 | | | | | | | | | | 53 | 53 |
| 66/ 65 | .4 | 3.2 | 2.3 | 1.7 | .5 | | | | | | | | | | | | | 71 | 71 |
| 64/ 63 | .1 | 3.5 | 4.8 | 5.3 | 1.3 | 1.5 | .5 | .5 | | | | | | | | | | 152 | 152 |
| 62/ 61 | .7 | 2.4 | 3.1 | 2.4 | 2.2 | .1 | .1 | | | | | | | | | | | 92 | 92 |
| 60/ 59 | .4 | 4.5 | 4.4 | 2.5 | 2.4 | .3 | .6 | | | | | | | | | | | 129 | 132 |
| 58/ 57 | | 1.5 | 1.8 | 2.5 | 1.2 | .4 | .5 | | | | | | | | | | | 56 | 56 |
| 56/ 55 | | 2.9 | 2.5 | 3.5 | 1.3 | .5 | .1 | | | | | | | | | | | 92 | 92 |
| 54/ 53 | .2 | .5 | 1.5 | 1.7 | .5 | .1 | | | | | | | | | | | | 38 | 38 |
| 52/ 51 | .1 | 1.7 | 1.9 | .5 | .5 | | | | | | | | | | | | | 39 | 39 |
| 50/ 49 | | .2 | 1.2 | .5 | .1 | .1 | | | | | | | | | | | | 18 | 18 |
| 48/ 47 | | .2 | .4 | .1 | .1 | | | | | | | | | | | | | 7 | 7 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | |
| TOTA_ | 2.7 | 22.3 | 33.7 | 24.3 | 11.2 | 4.1 | 2.3 | 1.3 | | .1 | | | | | | | | | 837 |
| | | | | | | | | | | | | | | | | | | 834 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 8326231 | 63151 | 75.7 | 13.165 | 834 | | | | | | |
| Dry Bulb | 3113984 | 52882 | 62.9 | 5.523 | 837 | | | 13.5 | .7 | | |
| Wet Bulb | 2693519 | 47343 | 56.4 | 6.777 | 839 | | | 3.8 | | | |
| Dew Point | 2373675 | 44205 | 52.8 | 7.886 | 838 | | .7 | .3 | | | |

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SU

41151 STATION — AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME — 75-84 YEARS



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | Dry Bulb | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79/ 77 | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | 3 | |
| 77/ 75 | | | | | .2 | .1 | | | | | | | | | | | | 5 | 5 | |
| 75/ 73 | | | | 1.8 | .1 | 1.7 | .2 | .1 | | .1 | | | | | | | | 23 | 23 | |
| 73/ 71 | | | 1.7 | 2.4 | .9 | .1 | .2 | | | | | | | | | | | 44 | 44 | |
| 71/ 69 | | .4 | 3.5 | 2.2 | 1.8 | 1.1 | .2 | .2 | | | | | | | | | | 79 | 79 | |
| 69/ 67 | .2 | .5 | 3.5 | 1.5 | 1.8 | .5 | .2 | | | | | | | | | | | 73 | 73 | |
| 67/ 65 | .2 | 1.5 | 3.0 | 4.1 | 2.5 | 1.5 | 1.5 | .1 | | | | | | | | | | 121 | 121 | |
| 65/ 63 | | 1.5 | 5.1 | 9.3 | 4.4 | 3.5 | .5 | .1 | | | | | | | | | | 159 | 159 | |
| 63/ 61 | .4 | 1.5 | 1.9 | 2.3 | 2.1 | .4 | | .1 | | | | | | | | | | 72 | 72 | |
| 61/ 59 | .1 | 1.7 | 1.9 | 3.2 | 3.5 | .2 | 1.3 | .1 | | | | | | | | | | 132 | 132 | |
| 59/ 57 | | .7 | .9 | 2.3 | 1.1 | .9 | .3 | | | | | | | | | | | 51 | 51 | |
| 57/ 55 | | .5 | .4 | 1.3 | .7 | .2 | | | | | | | | | | | | 31 | 31 | |
| 55/ 53 | | | .1 | .5 | .4 | | | | | | | | | | | | | 9 | 9 | |
| 53/ 51 | | | .2 | .2 | .1 | .1 | | | | | | | | | | | | 5 | 5 | |
| 51/ 49 | | .3 | | .2 | | | | | | | | | | | | | | 5 | 5 | |
| 49/ 47 | | | | | | | | | | | | | | | | | | | | |
| 47/ 45 | | | | | | | | | | | | | | | | | | | | |
| 45/ 43 | | | | | | | | | | | | | | | | | | | | |
| 43/ 41 | | | | | | | | | | | | | | | | | | | | |
| 41/ 39 | | | | | | | | | | | | | | | | | | | | |
| 39/ 37 | | | | | | | | | | | | | | | | | | | | |
| 37/ 35 | | | | | | | | | | | | | | | | | | | | |
| 35/ 33 | | | | | | | | | | | | | | | | | | | | |
| 33/ 31 | | | | | | | | | | | | | | | | | | | | |
| 31/ 29 | | | | | | | | | | | | | | | | | | | | |
| 29/ 27 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.3 | 8.5 | 22.5 | 31.7 | 19.8 | 13.9 | 4.4 | .9 | | .1 | | | | | | | | 823 | 824 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 81533448 | 575482 | 69.9 | 12.823 | 823 | | | | | | |
| Dry Bulb | 33793335 | 52713 | 64.2 | 5.382 | 824 | | | 25.5 | 3.3 | | |
| Wet Bulb | 23121755 | 47987 | 58.2 | 5.635 | 823 | | | 6.2 | | | |
| Dew Point | 24153263 | 43115 | 53.6 | 7.572 | 823 | | .3 | .7 | | | |

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SU

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

PART I

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B./W.B. | Dry Bulb |
| 86/ 86 | | | | | | | | | | | .1 | | | | | | | 1 | 1 |
| 84/ 83 | | | | | | | | | | | | | | .1 | | | | 1 | 1 |
| 82/ 81 | | | | | | | .1 | .3 | .3 | .2 | .5 | | | | | | | 17 | 17 |
| 80/ 79 | | | | | | .5 | .2 | .3 | .2 | .1 | | | | | | | | 15 | 15 |
| 78/ 77 | | | | | .1 | .9 | 1.2 | .6 | 1.4 | .6 | .3 | .2 | .5 | | | | | 49 | 49 |
| 76/ 75 | | | | | .3 | 1.3 | 2.3 | 1.4 | .1 | .5 | .3 | .2 | | | | | | 53 | 53 |
| 74/ 73 | | | | .1 | 1.2 | 1.3 | 2.5 | 3.7 | 1.6 | 1.3 | .5 | | | | | | | 121 | 121 |
| 72/ 71 | | | .1 | .5 | 1.3 | .3 | 2.7 | 3.1 | .5 | .5 | | | | | | | | 79 | 79 |
| 70/ 69 | | | 1.2 | 2.3 | 2.5 | 5.1 | 2.5 | 1.3 | .3 | .3 | .1 | | | | | | | 151 | 151 |
| 68/ 67 | | | .6 | .5 | 4.4 | 2.5 | 1.3 | .9 | .2 | | | | | | | | | 91 | 91 |
| 66/ 65 | | .2 | 1.2 | 2.3 | 2.5 | 2.3 | 2.9 | .7 | .7 | | | | | | | | | 105 | 105 |
| 64/ 63 | | .5 | .2 | 1.3 | 2.3 | 4.2 | .8 | 1.3 | .5 | .1 | | | | | | | | 113 | 113 |
| 62/ 61 | | .1 | | .2 | 1.2 | .3 | .5 | | .1 | | | | | | | | | 21 | 21 |
| 60/ 59 | | .5 | .2 | .5 | 1.3 | 1.3 | .1 | | | | | | | | | | | 25 | 25 |
| 58/ 57 | | .2 | .2 | .1 | | | .1 | .1 | | | | | | | | | | 7 | 7 |
| 56/ 55 | .1 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 5 | 5 |
| 54/ 53 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | 1 | 1 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | |
| 1219 | .1 | 2.1 | 4.3 | 12.6 | 13.6 | 25.3 | 17.4 | 11.6 | 5.2 | 2.1 | 1.3 | .5 | | .1 | | | | 555 | 555 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 2375573 | 45445 | 55.9 | 13.337 | 365 | | | | | | |
| Dry Bulb | 4173774 | 59233 | 59.2 | 5.335 | 365 | | | 22.2 | 27.7 | 2.2 | |
| Wet Bulb | 3396774 | 51522 | 59.5 | 5.169 | 365 | | | 9.3 | .1 | | |
| Dew Point | 2332155 | 45377 | 52.1 | 7.335 | 365 | | 1.1 | .8 | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE H

[illegible] A. [illegible] 73-84
STATION STATION NAME PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | M REL HUM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| JU | 03-32 | 100.0 | 95.6 | 80.7 | 62.5 | 47.2 | 34.7 | 21.2 | 11.5 | 2.6 | 51 |
| | 09-35 | 100.0 | 93.5 | 72.3 | 53.3 | 33.5 | 23.3 | 21.1 | 13.4 | 4.9 | 46 |
| | 15-38 | 99.3 | 83.2 | 52.7 | 37.3 | 25.5 | 17.4 | 13.5 | 6.5 | 2.5 | 33 |
| | 21-11 | 95.1 | 49.5 | 21.5 | 13.7 | 5.7 | 2.5 | .5 | .1 | | 24 |
| | 12-14 | 89.3 | 39.3 | 13.2 | 7.5 | 3.1 | 1.2 | | | | 21 |
| | 15-17 | 97.7 | 59.3 | 28.5 | 13.4 | 7.1 | 2.4 | .1 | | | 26 |
| | 18-21 | 100.0 | 89.3 | 61.3 | 43.5 | 21.3 | 13.1 | 5.7 | .7 | .1 | 35 |
| | 21-23 | 100.0 | 95.6 | 79.4 | 62.1 | 45.2 | 32.2 | 15.3 | 4.5 | .3 | 43 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 97.3 | 75.5 | 51.9 | 35.9 | 24.7 | 16.9 | 9.3 | 4.5 | 1.4 | 37 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HU

41152 (STATION) AL JUBAY/JUBAYRAH SAUDI ARABIA (STATION NAME) 73-84 (PERIOD)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEA RELAT HUMID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| AUG | 00-02 | 100.0 | 93.2 | 86.1 | 68.1 | 52.7 | 40.8 | 29.2 | 16.9 | 6.6 | 56. |
| | 03-05 | 100.0 | 96.0 | 78.8 | 58.3 | 42.2 | 30.7 | 24.5 | 12.6 | 3.6 | 51. |
| | 06-08 | 99.9 | 86.6 | 63.2 | 43.2 | 27.2 | 18.9 | 13.5 | 7.3 | 3.2 | 41. |
| | 09-11 | 97.2 | 57.0 | 30.1 | 16.9 | 11.1 | 7.2 | 2.7 | .3 | .3 | 27. |
| | 12-14 | 95.9 | 45.7 | 19.3 | 9.6 | 4.3 | .8 | .1 | | | 22. |
| | 15-17 | 99.0 | 62.4 | 30.4 | 17.7 | 9.0 | 4.1 | .6 | | | 23. |
| | 18-20 | 100.0 | 93.4 | 74.1 | 50.3 | 33.6 | 19.8 | 10.4 | 1.9 | .6 | 44. |
| | 21-23 | 100.0 | 97.6 | 88.1 | 69.6 | 56.6 | 42.9 | 26.0 | 10.3 | 2.6 | 56. |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 99.0 | 73.6 | 53.1 | 41.6 | 29.4 | 20.6 | 13.4 | 6.9 | 2.9 | 40. |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUM

[illegible] STATION  A[illegible] STATION NAME  [illegible] PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| SEP | 00-02 | 100.0 | 100.0 | 97.1 | 89.6 | 81.1 | 73.6 | 61.2 | 43.1 | 14.1 | 71.7 |
| | 03-05 | 100.0 | 99.6 | 93.6 | 86.4 | 76.6 | 66.3 | 57.9 | 45.9 | 24.3 | 73.8 |
| | 06-08 | 100.0 | 97.7 | 83.6 | 73.7 | 58.6 | 50.6 | 42.5 | 31.3 | 15.7 | 61.1 |
| | 09-11 | 98.3 | 77.3 | 53.7 | 33.3 | 25.5 | 14.1 | 5.8 | 1.1 | .4 | 37.2 |
| | 12-14 | 94.9 | 54.2 | 38.7 | 21.9 | 13.5 | 1.6 | .1 | | | 25.8 |
| | 15-17 | 98.3 | 82.4 | 56.1 | 36.7 | 19.7 | 5.3 | .3 | | | 35.6 |
| | 18-20 | 100.0 | 99.2 | 92.7 | 83.9 | 63.5 | 44.5 | 19.5 | 4.3 | .1 | 55.2 |
| | 21-23 | 100.0 | 99.6 | 97.3 | 91.2 | 84.1 | 73.2 | 51.6 | 25.6 | 4.2 | 63.5 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 99.1 | 90.2 | 75.6 | 64.4 | 52.5 | 41.2 | 32.7 | 18.9 | 7.3 | 53.7 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HU

[illegible] AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDI |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70 | 80 | 90 | |
| JAN | 00-02 | 100.0 | 100.0 | 99.5 | 97.5 | 92.2 | 85.4 | 74.7 | 52.4 | 10.4 | 77. |
| | 03-05 | 100.0 | 100.0 | 97.8 | 94.7 | 88.9 | 81.5 | 71.1 | 54.5 | 25.5 | 77. |
| | 06-08 | 100.0 | 99.5 | 93.3 | 85.4 | 75.5 | 66.5 | 52.2 | 33.5 | 1[illegible].2 | [illegible]. |
| | 09-11 | 99.5 | 88.4 | 72.1 | 52.2 | 35.1 | 21.1 | 6.2 | 2.[illegible] | 1.6 | 43. |
| | 12-14 | 98.6 | 79.8 | 56.9 | 28.9 | 12.2 | 4.2 | 1.2 | .5 | .1 | 34. |
| | 15-17 | 99.2 | 94.1 | 77.7 | 55.2 | 31.7 | 13.2 | 2.5 | 1.1 | .2 | 43. |
| | 18-20 | 100.0 | 100.0 | 98.5 | 93.5 | 82.5 | 64.2 | 29.9 | 9.2 | 1.1 | 63. |
| | 21-23 | 100.0 | 100.0 | 99.9 | 97.3 | 91.7 | 84.2 | 64.5 | 32.4 | 7.9 | 73. |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 99.3 | 95.2 | 87.2 | 75.3 | 63.3 | 52.1 | 33.2 | 24.1 | 7.3 | 61. |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUM

STATION [illegible] STATION NAME [illegible] PERIOD 75-84

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.4 | 97.7 | 93.7 | 77.3 | 53.5 | 17.6 | 79.2 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 98.4 | 95.4 | 83.7 | 75.6 | 56.3 | 25.3 | 78.7 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 97.7 | 93.1 | 79.1 | 57.4 | 41.1 | 17.3 | 75.1 |
| | 09-11 | 100.0 | 99.6 | 96.4 | 83.3 | 52.6 | 35.2 | 17.1 | 5.3 | 1.4 | 55.3 |
| | 12-14 | 100.0 | 98.4 | 87.6 | 64.3 | 31.5 | 11.4 | 2.5 | .5 | | 45.4 |
| | 15-17 | 100.0 | 99.3 | 94.5 | 81.2 | 53.3 | 25.2 | 7.2 | .5 | | 52.1 |
| | 18-21 | 100.0 | 100.0 | 99.2 | 98.2 | 91.2 | 74.4 | 47.1 | 13.1 | 2.0 | 66.2 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.5 | 95.7 | 85.7 | 71.7 | 33.2 | 5.2 | 75.5 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 97.3 | 91.4 | 77.5 | 61.5 | 45.3 | 25.1 | 9.0 | 66.3 |

USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUM

41451 STATION  AL JUBAYL/DHAHRAN SAUDI ARABIA STATION NAME  75-84 PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| DEC | 22-22 | 100.0 | 100.0 | 100.0 | 99.5 | 97.1 | 91.2 | 75.2 | 55.5 | 22.2 | 73.3 |
| | 23-23 | 100.0 | 100.0 | 100.0 | 99.5 | 96.7 | 89.2 | 76.9 | 56.3 | 25.3 | 80.4 |
| | 00-00 | 100.0 | 100.0 | 100.0 | 99.1 | 97.3 | 85.4 | 72.2 | 46.9 | 22.2 | 79.2 |
| | 09-11 | 100.0 | 100.0 | 99.1 | 93.2 | 77.7 | 53.5 | 32.2 | 12.3 | 3.2 | 62.3 |
| | 12-14 | 100.0 | 99.8 | 94.9 | 80.9 | 49.5 | 23.7 | 10.5 | 3.1 | .9 | 51.9 |
| | 15-17 | 100.0 | 99.8 | 96.9 | 86.7 | 65.8 | 35.9 | 16.1 | 4.5 | .9 | 55.9 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.5 | 92.5 | 77.4 | 53.7 | 20.8 | 7.9 | 69.9 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.9 | 95.1 | 87.2 | 71.2 | 39.4 | 9.7 | 75.7 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.9 | 94.5 | 83.9 | 59.1 | 51.4 | 29.9 | 11.1 | 69.3 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMI

STATION _____ STATION NAME _____ PERIOD 73-84

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | |
| JAN | ALL | 100.0 | 99.9 | 99.3 | 95.7 | 86.5 | 71.0 | 55.5 | 33.8 | 13.5 | 71.1 |
| FEB | | 100.0 | 99.9 | 97.3 | 93.3 | 73.9 | 57.4 | 53.3 | 33.9 | 15.1 | 63.4 |
| MAR | | 100.0 | 99.7 | 93.0 | 83.4 | 59.9 | 55.5 | 41.4 | 24.4 | 9.9 | 53.2 |
| APR | | 99.3 | 94.5 | 82.2 | 66.3 | 49.2 | 34.3 | 20.4 | 10.9 | 2.7 | 51.0 |
| MAY | | 99.3 | 85.9 | 67.8 | 43.3 | 32.3 | 19.5 | 10.0 | 3.9 | .9 | 42.7 |
| JUN | | 96.5 | 71.5 | 45.4 | 27.2 | 15.4 | 9.3 | 4.5 | 1.5 | .5 | 38.- |
| JUL | | 97.8 | 75.5 | 51.9 | 35.9 | 24.7 | 15.9 | 9.8 | 4.5 | 1.4 | 37.5 |
| AUG | | 99.2 | 79.5 | 58.1 | 41.3 | 29.4 | 21.5 | 13.4 | 5.9 | 2.9 | 42.- |
| SEP | | 99.1 | 93.1 | 75.5 | 54.4 | 52.5 | 41.2 | 32.1 | 13.9 | 7.3 | 53.7 |
| OCT | | 99.8 | 95.2 | 87.0 | 75.3 | 63.3 | 52.1 | 38.7 | 24.1 | 9.3 | 63.3 |
| NOV | | 100.0 | 99.7 | 97.3 | 93.4 | 77.5 | 61.5 | 45.3 | 26.1 | 9.2 | 66.3 |
| DEC | | 100.0 | 100.0 | 98.9 | 94.5 | 83.9 | 68.1 | 51.4 | 29.9 | 11.1 | 68.5 |
| TOTALS | | 99.3 | 92.9 | 79.5 | 67.9 | 55.5 | 43.1 | 31.1 | 18.3 | 7.2 | 54.9 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

# PART B PRESSURE SUMMARY

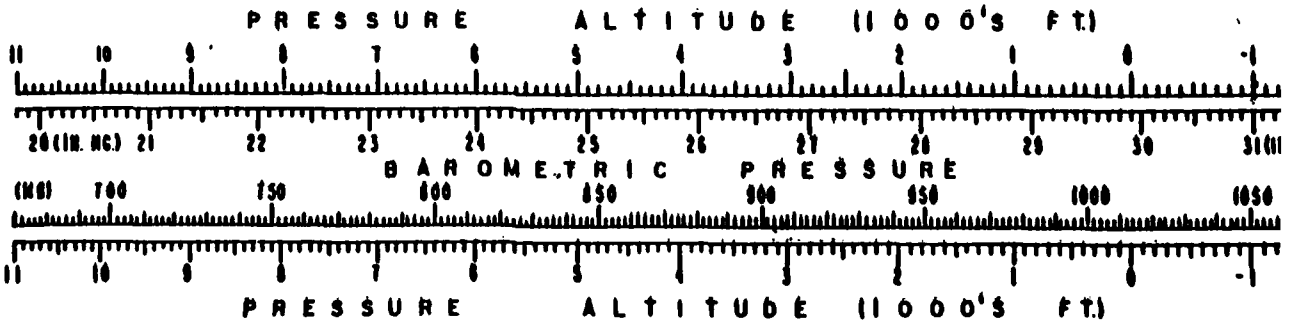
Presented in this part are two tables giving the means, standard deviations, and total number of observat of station pressure and sea-level pressure by month and annual for the local hourly observations corresp to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the p for all hours combined. All years of data available are combined in both of these tables, although the c period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressur altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithe Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATI

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41163 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 48.9 | 51.0 | 54.7 | 58.2 | 61.4 | 60.3 | 64.9 | 66.0 | 70.3 | 66.9 | 59.8 | 52.0 | |
| | S D | 7.197 | 7.355 | 7.022 | 7.449 | 8.334 | 9.751 | 11.137 | 10.893 | 9.198 | 8.329 | 7.655 | 8.496 | 1 |
| | TOTAL OBS | 784. | 737. | 844. | 803. | 808. | 775. | 819. | 799. | 789. | 754. | 783. | 823. | |
| 03-05 | MEAN | 48.1 | 50.2 | 54.4 | 57.7 | 60.4 | 57.5 | 61.7 | 62.4 | 67.8 | 64.7 | 57.9 | 50.7 | |
| | S D | 7.567 | 7.769 | 7.627 | 7.807 | 8.717 | 10.369 | 12.558 | 12.255 | 10.983 | 9.715 | 8.398 | 8.716 | 1 |
| | TOTAL OBS | 782. | 748. | 849. | 789. | 818. | 798. | 820. | 815. | 795. | 790. | 772. | 817. | |
| 06-08 | MEAN | 46.7 | 49.4 | 53.6 | 56.6 | 59.3 | 54.2 | 58.4 | 58.3 | 64.8 | 61.8 | 56.2 | 49.4 | |
| | S D | 7.847 | 8.425 | 8.394 | 8.492 | 9.387 | 11.591 | 13.578 | 13.549 | 12.828 | 11.263 | 8.984 | 9.125 | 1 |
| | TOTAL OBS | 736. | 722. | 809. | 784. | 832. | 780. | 809. | 821. | 777. | 802. | 784. | 796. | |
| 09-11 | MEAN | 48.4 | 49.8 | 51.8 | 52.9 | 55.6 | 52.1 | 56.0 | 57.2 | 61.6 | 59.2 | 57.0 | 50.9 | |
| | S D | 8.391 | 8.586 | 8.715 | 9.150 | 9.603 | 10.708 | 11.421 | 12.628 | 12.424 | 11.471 | 9.055 | 8.882 | 1 |
| | TOTAL OBS | 859. | 791. | 873. | 827. | 876. | 825. | 852. | 858. | 829. | 845. | 842. | 853. | |
| 12-14 | MEAN | 48.4 | 47.9 | 49.8 | 51.4 | 54.1 | 52.3 | 56.3 | 56.7 | 59.7 | 57.7 | 56.5 | 51.4 | |
| | S D | 7.633 | 8.451 | 8.939 | 9.403 | 10.356 | 10.715 | 11.368 | 10.878 | 12.009 | 10.190 | 8.232 | 9.027 | 1 |
| | TOTAL OBS | 856. | 791. | 863. | 844. | 876. | 818. | 833. | 851. | 835. | 858. | 815. | 856. | |
| 15-17 | MEAN | 48.4 | 48.6 | 50.7 | 53.0 | 55.8 | 54.3 | 59.8 | 59.8 | 63.6 | 62.3 | 58.2 | 52.1 | |
| | S D | 7.491 | 8.110 | 8.758 | 9.558 | 10.103 | 10.381 | 10.634 | 10.856 | 10.335 | 8.593 | 7.508 | 7.838 | 1 |
| | TOTAL OBS | 856. | 773. | 873. | 853. | 859. | 831. | 858. | 875. | 841. | 851. | 833. | 856. | |
| 18-20 | MEAN | 50.7 | 51.7 | 54.6 | 57.1 | 60.3 | 59.7 | 65.1 | 66.9 | 71.2 | 68.1 | 61.2 | 53.6 | |
| | S D | 6.779 | 6.883 | 7.504 | 8.184 | 8.561 | 9.743 | 9.918 | 10.133 | 7.982 | 7.035 | 6.930 | 7.672 | 1 |
| | TOTAL OBS | 798. | 732. | 819. | 803. | 838. | 806. | 849. | 833. | 812. | 811. | 786. | 823. | |
| 21-23 | MEAN | 50.2 | 52.2 | 55.4 | 58.7 | 61.7 | 61.6 | 67.1 | 68.8 | 72.5 | 68.6 | 60.7 | 52.8 | |
| | S D | 7.161 | 6.395 | 6.807 | 7.406 | 8.651 | 9.805 | 10.528 | 10.255 | 7.975 | 7.440 | 7.396 | 7.886 | 1 |
| | TOTAL OBS | 811. | 759. | 838. | 795. | 817. | 793. | 833. | 834. | 792. | 815. | 820. | 834. | |
| ALL HOURS | MEAN | 48.7 | 50.1 | 53.1 | 55.6 | 58.5 | 56.4 | 61.2 | 62.3 | 66.4 | 63.6 | 58.4 | 51.6 | |
| | S D | 7.627 | 7.917 | 8.257 | 8.882 | 9.624 | 10.983 | 12.091 | 12.302 | 11.498 | 10.139 | 8.249 | 8.421 | 1 |
| | TOTAL OBS | 6523 | 6051 | 6755 | 6492 | 6725 | 6416 | 6671 | 6688 | 6473 | 6525 | 6435 | 659 | |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATI(

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

41150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 29.997 | 29.938 | 29.852 | 29.748 | 29.635 | 29.459 | 29.367 | 29.412 | 29.588 | 29.794 | 29.917 | 29.995 | 29 |
| | S D | .038 | .101 | .121 | .094 | .073 | .085 | .056 | .056 | .083 | .083 | .086 | .080 | |
| | TOTAL OBS | 256. | 228. | 256. | 244. | 255. | 237. | 263. | 242. | 249. | 252. | 254. | 273. | |
| 03 | MEAN | 29.983 | 29.925 | 29.831 | 29.723 | 29.621 | 29.445 | 29.349 | 29.403 | 29.579 | 29.778 | 29.896 | 29.971 | 29 |
| | S D | .033 | .096 | .129 | .093 | .079 | .085 | .063 | .063 | .084 | .079 | .085 | .081 | |
| | TOTAL OBS | 252. | 230. | 255. | 246. | 248. | 243. | 263. | 243. | 256. | 232. | 243. | 266. | |
| 06 | MEAN | 29.998 | 29.935 | 29.850 | 29.753 | 29.645 | 29.468 | 29.376 | 29.421 | 29.606 | 29.810 | 29.927 | 29.993 | 29 |
| | S D | .038 | .100 | .123 | .091 | .078 | .082 | .063 | .070 | .084 | .083 | .083 | .075 | |
| | TOTAL OBS | 236. | 227. | 256. | 259. | 267. | 247. | 252. | 261. | 245. | 256. | 253. | 258. | |
| 09 | MEAN | 30.046 | 29.984 | 29.901 | 29.794 | 29.635 | 29.495 | 29.395 | 29.455 | 29.643 | 29.849 | 29.975 | 30.043 | 29 |
| | S D | .038 | .103 | .125 | .094 | .077 | .089 | .067 | .073 | .085 | .081 | .083 | .073 | |
| | TOTAL OBS | 257. | 243. | 235. | 272. | 277. | 255. | 275. | 276. | 254. | 272. | 263. | 276. | |
| 12 | MEAN | 30.006 | 29.956 | 29.875 | 29.778 | 29.671 | 29.490 | 29.386 | 29.435 | 29.616 | 29.817 | 29.934 | 30.000 | 29 |
| | S D | .033 | .100 | .124 | .094 | .075 | .088 | .066 | .072 | .083 | .081 | .084 | .079 | |
| | TOTAL OBS | 236. | 258. | 272. | 272. | 291. | 253. | 273. | 275. | 274. | 276. | 265. | 271. | |
| 15 | MEAN | 29.956 | 29.900 | 29.819 | 29.725 | 29.629 | 29.446 | 29.355 | 29.396 | 29.574 | 29.766 | 29.893 | 29.948 | 29 |
| | S D | .031 | .107 | .122 | .095 | .079 | .090 | .066 | .069 | .082 | .081 | .084 | .081 | |
| | TOTAL OBS | 256. | 253. | 272. | 279. | 281. | 255. | 291. | 288. | 277. | 274. | 259. | 288. | |
| 18 | MEAN | 29.978 | 29.914 | 29.826 | 29.721 | 29.617 | 29.434 | 29.342 | 29.389 | 29.575 | 29.777 | 29.896 | 29.974 | 29 |
| | S D | .037 | .107 | .126 | .095 | .081 | .089 | .066 | .072 | .084 | .083 | .087 | .082 | |
| | TOTAL OBS | 258. | 243. | 272. | 265. | 278. | 262. | 284. | 275. | 264. | 275. | 262. | 275. | |
| 21 | MEAN | 30.005 | 29.942 | 29.859 | 29.752 | 29.641 | 29.459 | 29.367 | 29.423 | 29.630 | 29.830 | 29.931 | 30.000 | 29 |
| | S D | .033 | .103 | .123 | .092 | .077 | .088 | .064 | .070 | .085 | .083 | .086 | .081 | |
| | TOTAL OBS | 259. | 231. | 256. | 253. | 261. | 255. | 271. | 276. | 252. | 258. | 259. | 267. | |
| ALL HOURS | MEAN | 29.996 | 29.937 | 29.852 | 29.749 | 29.644 | 29.461 | 29.367 | 29.417 | 29.598 | 29.799 | 29.923 | 29.989 | 29 |
| | S D | .034 | .105 | .127 | .093 | .081 | .089 | .067 | .073 | .087 | .085 | .088 | .083 | |
| | TOTAL OBS | 2373 | 1915 | 2135 | 2083 | 2157 | 2027 | 2163 | 2136 | 2082 | 2103 | 2054 | 2175 | |

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